OLD DOMINION FREIGHT LINE, INC.

RATING API DEVELOPMENT GUIDE

Helping The World Keep Promises®

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Contents

Getting Started **1**
- **Overview** **1**
- **Testing** **1**

Authentication **2**
- **Bearer Token** **2**
  - Request 2
  - Response 2

Request **3**
- **Authorization** **3**
- **Base Path** **3**
  - Rate 3
  - Reserve 3
- **Request Fields- Rates** **4**
  - Best Practices 4
  - Required for All 4
  - Conditionally Required for All 4
  - Optional for All 5
  - Specifications for Each Service and Rate Type 6
    - Service Type: LTL, Guaranteed by 5pm, Guaranteed by Noon 6
      - Rate Type: Default 6
        - Required – Default 6
        - Conditionally Required – Default 6
        - Optional – Default 7
      - Rate Type: Security Divider 8
        - Required – Security Divider 8
        - Conditionally Required – Security Divider 8
        - Optional – Security Divider 8
      - Rate Type: Volume 10
        - Required – Volume 10
        - Conditionally Required – Volume 10
        - Optional – Volume 10
      - Rate Type: Pallet 11
        - Required – Pallet 11
        - Conditionally Required – Pallet 11
        - Optional – Pallet 12
- **Response Fields- Rates** **14**
- **Request Fields- Reserve Rates** **18**
  - Required 18
- **Response Fields- Reserve Rates** **18**
- **Values** **19**
  - Field Values 19

Sample **22**
- Request - Rates 22
- Response - Rates 23
- Request – Rates: Mixed Commodities 30
- Response – Rates: Mixed Commodities 31
- Request - Reserve Rates 34
- Response - Reserve Rates 34

Getting Started

Overview

The Rate Estimate API is a REST service which provides estimates and breakdowns of applicable rates for a shipment and can be used to integrate pricing data into your systems.

For more information on all our API services, visit the Shipping API Integrations Page at ODFL.com.

Testing

We offer a QA environment for onboarding and testing purposes. To get started, visit the Shipping API Integrations Page and click “Email an Expert” for help.

Authentication

To use this service, you need an ODFL.com account with a username and password. This will give you access to your account data. To register, visit ODFL.com and click "Sign Up".

If you have questions about your OD account, we're available to help Monday–Friday, 7 a.m.–8 p.m. ET.

- Telephone: 1-800-235-5569
- Email: Internet.CustomerService@odfl.com

Bearer Token

Request

Obtain a session token by making a GET request to:

Environment	URL
Production	https://api.odfl.com/auth/v1.0/token
QA	https://apiq.odfl.com/auth/v1.0/token

- Authorization Type: Basic Auth
- Username: Provide your ODFL.com Username
- Password: Provide your ODFL.com Password

Response

Code	Message	Notes
200	OK	A session token and expiration are returned. Session tokens expire one hour after issue.
400	Invalid Credentials	The OD Username or Password you've provided is incorrect or your account is disabled. Contact API@odfl.com for assistance.
503	Service Unavailable	Verify that the URL and Authorization Type is correct. If the problem persists, please notify us at API@odfl.com.

Request

Authorization

Utilize the session token obtained during authentication as authorization.

- Type: Bearer Token

Base Path

Rate

The rate endpoint returns a rate reference number only when a single service type and a single rate type are requested and referenceNumberRequested = true in the request.
The endpoint supports requesting multiple rate types in a single API call, eliminating the need to submit separate requests for each rate type. Based on the shipment details provided, the response may also include alternate rate options, giving users additional pricing and service options that may be available for the shipment.
This endpoint provides rate information only and does not create a shipment. If a rate reference number is needed and is not returned with the rate response, the reserve rate endpoint can be used to obtain one for a specific service type and rate type combination.

Perform a POST to:

Environment	URL
Production	https://api.odfl.com/rating-service/v1.0/rates
QA	https://apiq.odfl.com/rating-service/v1.0/rates

Reserve

If multiple service types and/or rate types are requested, or if a rate reference number was not requested, a rate reference number is not returned. In these scenarios, use the reserve rate endpoint to obtain a rate reference number for a specific service type and rate type combination returned in the rate API response.
This endpoint provides the rate reference number only and does not create a shipment.

Perform a POST to:

Environment	URL
Production	https://api.odfl.com/rating-service/v1.0/reservation
QA	https://apiq.odfl.com/rating-service/v1.0/reservation

Request Fields- Rates

Best Practices

Field Name	Type	Description
billToAccount	long	The company's OD bill to account number/id. -Include in all requests for the most accurate rates based on your OD pricing. -The ODFL account number responsible for processing freight invoices and charges.

Required for All

Field Name	Type	Description
requestedRates	array	Contains the list of service types and rate types requested.
requestedRates.serviceType	string	The service type being requested.
requestedRates.rateType	string	The rate type being requested .
shipper	object	Information about the shipper's location.
shipper.zipCode	string	The shipper's zip/postal code. -"12345-1234" (5 digits + 4 - USA) -"12345" (5 digits - USA/MEX) -"A1A1A1" (6 characters - CAN)
shipper.country	string	The shipper's country. (See Values)
consignee	object	Information about the consignee's location.
consignee.zipCode	string	The consignee's zip/postal code. -"12345-1234" (5 digits + 4 - USA) -"12345" (5 digits - USA/MEX) -"A1A1A1" (6 characters - CAN)
consignee.country	string	The consignee's country. (See Values)
totalWeight	integer	The weight of the shipment. -Maximum weight is 50,000 LB or 22,675 KG. -Minimum is 0.
weightUnitType	string	The unit of measurement for weight. (See Values)

Conditionally Required for All

Name	Type	Description
cubicVolumeDimension	string	The unit of measurement for cubic volume. (See Values) -Required if cubicVolume is provided.
linearLengthDimension	string	The unit of measurement for linear length. (See Values) -Required if linearLength is provided.
shipmentItems.handlingUnitType	integer	Types of the handling units being described. (See Values) -Required if handlingUnitCount is provided.
shipmentItems.dimensionUnitType	string	The unit of measurement for the dimensions. (See Values) -Required if length, width and/or height is provided.

Optional for All

Name	Type	Description
referenceNumberRequested	boolean	Indicates whether the rate reference number should be returned. -Defaults to false -Not returned when multiple service types and/or rate types are requested
accessorialCodes	string list	The list of services requested for the shipment. (See Values)
declaredValue	integer	Total monetary value of the shipment. -Must be a whole dollar amount. -Defaults to USD
cargoLiability	integer	Amount of additional cargo liability coverage being requested as part of the rate. -Must be a whole dollar amount more than 0 but less than 1,000,000. -Defaults to USD
contactPhoneExtension	integer	The contact's telephone extension. -"12345" (Maximum 5 digits)
customer	string	The name of the customer sending the request or for whom it is sent on behalf of.
integrationCustomer	string	The name of the company submitting the request on behalf of our mutual customer.
transportationManagementSystem	string	The transportation management system (TMS) sending the request.
thirdPartyLogistics	string	The third-party logistics (3PL) company sending the request.
currency	string	Indicates the currency type for monetary value fields. (See Values) -Applies to Declared Value and Cargo Liability. -Defaults to USD
movementDirection	string	The direction of freight movement. (See Values) - Defaults to third party
comments	string	Additional notes related to the rate. - Delivering 2027- Phase 2
shipper.attention	string	The shipper's attention.
shipper.addressLine2	string	Line two of the shipper's street address.
shipper.phoneNumber	long	The shipper's telephone number. -"9995551212" (10 digits area code + phone)
shipper.phoneExtension	integer	The shipper's telephone extension. -"12345" (Maximum 5 digits)
shipper.email	string	The shipper's email address.
shipper.dockCloseTime	ISO-Time	The time the shipper's dock closes. -HH:MM:SS
consignee.attention	string	The consignee's attention.
consignee.addressLine2	string	Line two of the consignee's street address.
consignee.phoneNumber	long	The consignee's telephone number. -"9995551212" (10 digits area code + phone)

Name	Type	Description
consignee.phoneExtension	integer	The consignee's telephone extension. -"12345" (Maximum 5 digits)
consignee.email	string	The consignee's email address.
netWeight	integer	Total weight of the entire shipment, not including skid weight.
skidWeight	integer	The weight of the skid(s).
shipmentItems.hazardous	boolean	Indicates whether the shipment contains hazardous materials. -True or false -Default is false
shipmentItems.stackable	boolean	Identifies if the freight can be stacked on one another. -True or false -Default is false

Specifications for Each Service and Rate Type

Service Type: LTL, Guaranteed by 5pm, Guaranteed by Noon

Field Name	Type	Valid Values	Allowed rateType
requestedRates.serviceType	string	LTL	Default, Security Divider, Volume, Pallet - 1R1T : Delivering 2027- Phase 2
		Guaranteed by 5pm	Default, Security Divider, Volume, Pallet - 1R1T : Delivering 2027- Phase 2
		Guaranteed by Noon	Default, Volume

Rate Type: Default

Required – Default

Name	Type	Description
shipmentItems	array	Contains shipment item details. -May be required if your rates are class based.

Conditionally Required – Default

Name	Type	Description
shipper.account	long	The shipper's OD account number/id. -Required for movement direction outbound if bill to not provided. -The ODFL account number for the shipping location associated with the bill to account.
consignee.account	long	The consignee's OD account number/id. -Required for movement direction inbound if bill to not provided. -The ODFL account number for the receiving location associated with the bill to account.
billToAccount	long	The company's OD bill to account number/id. -Include in all requests for the most accurate rates based on your OD pricing. -The ODFL account number responsible for processing freight invoices and charges.
shipmentItems.freightClass	integer	The class of the shipment item. (See Values) -May be required if your rates are class based and an NMFC code and sub (if applicable) is not provided.

Name	Type	Description
shipmentItems.nmfc	integer	The NMFC code of the freight. -May be required if your rates are class based and a freight class is not provided.
shipmentItems.nmfcSub	integer	The NMFC sub code of the freight. - May be required if your rates are class based and a freight class is not provided. -Required if NMFC has a sub
deliveryStartDate	ISO-Timestamp	The start date and time for delivery. -Required if Delivery Date Type is provided. -"2026-12-15T10:30:00.000Z" YYYY-MM-DDTHH:mm:ss.sssZ -Time may be submitted as zeros. "2026-07-11T00:00:00.000Z"
deliveryEndDate	ISO-Timestamp	The end date and time for delivery. -Required if Delivery Date Type Delivery Window is provided. -"2026-12-15T10:30:00.000Z" YYYY-MM-DDTHH:mm:ss.sssZ -Time may be submitted as zeros. "2026-07-11T00:00:00.000Z"

Optional – Default

Name	Type	Description
pickupDate	ISO-Timestamp	The requested pickup date and time. -Must be greater than or equal to today. -Defaults to current day. -"2026-12-15T10:30:00.000Z" YYYY-MM-DDTHH:mm:ss.sssz -Time may be submitted as zeros. "2026-07-11T00:00:00.000Z"
contactFirstName	string	The contact's first name. -Max length 30
contactLastName	string	The contact's last name. -Max length 30
contactPhoneNumber	long	The contact's telephone number. -"9995551212" (10 digits area code + phone)
contactEmail	string	The contact email address.
contactRelationship	string	Identifies the party making the request.
contactCompanyName	string	Indicates the company the requestor represents.
deliveryDateType	string	Indicates the type of delivery date. (See Values)
equipmentType	string	The type of equipment needed for the shipment. (See Values) -Truckload : Delivering 2027- Phase 2
freightTerms	string	The freight payment terms. (See Values)
shipper.name	string	Company name associated with the shipper.
shipper.addressLine1	string	Line one of the shipper's street address.
shipper.city	string	The shipper's city.
shipper.state	string	Two letter state/province code for the shipper's address.
consignee.name	string	Company name associated with the consignee's address.
consignee.addressLine1	string	Line one of the consignee's street address.
consignee.city	string	The consignee's city.
consignee.state	string	Two letter state/province code for the consignee's address.

Name	Type	Description
cubicVolume	integer	The cubic volume of the shipment. -Cannot exceed 9,999 FT or 3,047 M FT or 3,047 M
linearLength	integer	The linear dimension of the shipment. -Required for Security Divider and Volume
shipmentItems.handlingUnitCount	integer	The number of handling units being described.
shipmentItems.hazardousId	string	The UN/NA number for the freight if it's hazardous.
shipmentItems.description	string	Description of the freight.
shipmentItems.length	integer	The length of the handling unit(s) being described.
shipmentItems.width	integer	The width of the handling unit(s) being described.
shipmentItems.height	integer	The height of the handling unit(s) being described.
shipmentItems.weight	integer	The weight of the handling unit(s) being described.

Rate Type: Security Divider

Required – Security Divider

Name	Type	Description
linearLength	integer	The linear dimension of the shipment. -Required for Security Divider and Volume

Conditionally Required – Security Divider

Name	Type	Description
deliveryStartDate	ISO-Timestamp	The start date and time for delivery. -Required if Delivery Date Type is provided. -"2025-15-15T10:30:00.000Z" YYYY-MM-DDTHH:mm:ss.sss -Time may be submitted as zeros. "2026-07-11T00:00:00.000Z"
deliveryEndDate	ISO-Timestamp	The end date and time for delivery. -Required if Delivery Date Type Delivery Window is provided. -"2026-12-15T10:30:00.000Z" YYYY-MM-DDTHH:mm:ss.sssZ -Time may be submitted as zeros. "2026-07-11T00:00:00.000Z"

Optional – Security Divider

Name	Type	Description
shipmentItems	array	Contains shipment item details.
pickupDate	ISO-Timestamp	The requested pickup date and time. -Must be greater than or equal to today. -Defaults to current day. -"2025-15-15T10:30:00.000Z" YYYY-MM-DDTHH:mm:ss.sss -Time may be submitted as zeros. "2026-07-11T00:00:00.000Z"
contactFirstName	string	The contact's first name. -Max length 30
contactLastName	string	The contact's last name. -Max length 30
contactPhoneNumber	long	The contact's telephone number. -"9995551212" (10 digits area code + phone)
contactEmail	string	The contact's email address.
contactRelationship	string	Identifies the party making the request.
contactCompanyName	string	Indicates the company the requestor represents.
deliveryDateType	string	To indicate type of delivery service. (See Values)

Name	Type	Description
equipmentType	string	The type of equipment needed for the shipment. (See Values) -Truckload : Delivering 2027- Phase 2
freightTerms	string	The freight payment terms. (See Values)
shipper.account	long	The shipper's OD account number/id. -Required for movement direction outbound if bill to not provided. -The ODFL account number for the shipping location associated with the bill to account.
shipper.name	string	Company name associated with the shipper.
shipper.addressLine1	string	Line one of the shipper's street address.
shipper.city	string	The shipper's city.
shipper.state	string	Two letter state/province code for the shipper's address.
consignee.account	long	The consignee's OD account number/id. -Required for movement direction inbound if bill to not provided. -The ODFL account number for the receiving location associated with the bill to account.
consignee.name	string	Company name associated with the consignee.
consignee.addressLine1	string	Line one of the consignee's street address.
consignee.city	string	The consignee's city.
consignee.state	string	Two letter state/province code for the consignee's address.
billToAccount	long	The company's OD bill to account number/id. -Include in all requests for the most accurate rates based on your OD pricing. -The ODFL account number responsible for processing freight invoices and charges.
cubicVolume	integer	The cubic volume of the shipment. -Cannot exceed 9,999 FT or 3,047 M
shipmentItems.handlingUnitCount	integer	The number of handling units being described.
shipmentItems.hazardousId	string	The UN/NA number for the freight if it's hazardous.
shipmentItems.description	string	Description of the freight.
shipmentItems.length	integer	The length of the handling unit(s) being described.
shipmentItems.width	integer	The width of the handling unit(s) being described.
shipmentItems.height	integer	The height of the handling unit(s) being described.
shipmentItems.weight	integer	The weight of the handling unit(s) being described.
shipmentItems.freightClass	integer	The class of the shipment item. (See Values)
shipmentItems.nmfc	integer	The NMFC code of the freight.
shipmentItems.nmfcSub	integer	The NMFC sub code of the freight.

Rate Type: Volume

Required – Volume

Name	Type	Description
linearLength	integer	The linear dimension of the shipment. -Required for Security Divider and Volume

Conditionally Required – Volume

Name	Type	Description
deliveryStartDate	ISO-Timestamp	The start date and time for delivery. -Required if Delivery Date Type is provided. -"2026-12-15T10:30:00.000Z" YYYY-MM-DDTHH:mm:ss.sss -Time may be submitted as zeros. "2026-07-11T00:00:00.000Z"
deliveryEndDate	ISO-Timestamp	The end date and time for delivery. -Required if Delivery Date Type Delivery Window is provided. -"2026-12-15T10:30:00.000Z" YYYY-MM-DDTHH:mm:ss.sssZ -Time may be submitted as zeros. "2026-07-11T00:00:00.000Z"

Optional – Volume

Name	Type	Description
shipmentItems	array	Contains shipment item details.
pickupDate	ISO-Timestamp	The requested pickup date and time. -Must be greater than or equal to today. -Defaults to current day. -"2026-12-15T10:30:00.000Z" YYYY-MM-DDTHH:mm:ss.sssZ -Time may be submitted as zeros. "2026-07-11T00:00:00.000Z"
contactFirstName	string	The contact's first name. -Max length 30
contactLastName	string	The contact's last name. -Max length 30
contactPhoneNumber	long	The contact's telephone number. -"9995551212" (10 digits area code + phone)
contactEmail	string	The contact's email address.
contactRelationship	string	Identifies the party making the request.
contactCompanyName	string	Indicates the company the requestor represents.
deliveryDateType	string	Indicates the type of delivery date. (See Values)
equipmentType	string	The type of equipment needed for the shipment. (See Values) -Truckload : Delivering 2027- Phase 2
freightTerms	string	The freight payment terms. (See Values)
shipper.account	long	The shipper's OD account number/id. -Required for movement direction outbound if bill to not provided. -The ODFL account number for the shipping location associated with the bill to account.
shipper.name	string	Company name associated with the shipper.
shipper.addressLine1	string	Line one of the shipper's street address.
shipper.city	string	The shipper's city.
shipper.state	string	Two letter state/province code for the shipper's address.

Name	Type	Description
consignee.account	long	The consignee's OD account number/id. -Required for movement direction inbound if bill to not provided. -The ODFL account number for the receiving location associated with the bill to account.
consignee.name	string	Company name associated with the consignee.
consignee.addressLine1	string	Line one of the consignee's street address.
consignee.city	string	The consignee's city.
consignee.state	string	Two letter state/province code for the consignee's address.
billToAccount	long	The company's OD bill to account number/id. -Include in all requests for the most accurate rates based on your OD pricing. -The ODFL account number responsible for processing freight invoices and charges.
cubicVolume	integer	The cubic volume of the shipment. -Cannot exceed 9,999 FT or 3,047 M
shipmentItems.handlingUnitCount	integer	The number of handling units being described.
shipmentItems.hazardousId	string	The UN/NA number for the freight if it's hazardous.
shipmentItems.description	string	Description of the freight.
shipmentItems.length	integer	The length of the handling unit(s) being described.
shipmentItems.width	integer	The width of the handling unit(s) being described.
shipmentItems.height	integer	The height of the handling unit(s) being described.
shipmentItems.weight	integer	The weight of the handling unit(s) being described.
shipmentItems.freightClass	integer	The class of the shipment item. (See Values)
shipmentItems.nmfc	integer	The NMFC code of the freight.
shipmentItems.nmfcSub	integer	The NMFC sub code of the freight.

Rate Type: Pallet

Required – Pallet

Name	Type	Description
shipmentItems	array	Contains shipment item details.
shipmentItems.handlingUnitCount	integer	The number of handling units being described.

Conditionally Required – Pallet

Name	Type	Description
deliveryStartDate	ISO-Timestamp	The start date and time for delivery. -Required if Delivery Date Type is provided. -"2026-12-15T10:30:00.000Z" YYYY-MM-DDTHH:mm:ss.sss -Time may be submitted as zeros. "2026-07-11T00:00:00.000Z"
deliveryEndDate	ISO-Timestamp	The end date and time for delivery. -Required if Delivery Date Type Delivery Window is provided. -"2026-12-15T10:30:00.000Z" YYYY-MM-DDTHH:mm:ss.sssZ -Time may be submitted as zeros. "2026-07-11T00:00:00.000Z"

Optional – Pallet

Name	Type	Description
pickupDate	ISO-Timestamp	The requested pickup date. -Must be greater than or equal to today. -Defaults to current day. -"2026-12-15T10:30:00.000Z" YYYY-MM-DDTHH:mm:ss.sss -Time may be submitted as zeros. "2026-07-11T00:00:00.000Z"
contactFirstName	string	The contact's first name. -Max length 30
contactLastName	string	The contact's last name. -Max length 30
contactPhoneNumber	long	The contact's telephone number. -"9995551212" (10 digits area code + phone)
contactEmail	string	The contact's email address.
contactRelationship	string	Identifies the party making the request.
contactCompanyName	string	Indicates the company the requestor represents.
deliveryDateType	string	Indicates the type of delivery date. (See Values)
equipmentType	string	The type of equipment needed for the shipment. (See Values) -Truckload : Delivering 2027- Phase 2
freightTerms	string	The freight payment terms. (See Values)
shipper.account	long	The shipper's OD account number/id. -Required for movement direction outbound if bill to not provided. -The ODFL account number for the shipping location associated with the bill to account.
shipper.name	string	Company name associated with the shipper.
shipper.addressLine1	string	Line one of the shipper's street address.
shipper.city	string	The shipper's city.
shipper.state	string	Two letter state/province code for the shipper's address.
consignee.account	long	The consignee's OD account number/id. -Required for movement direction inbound if bill to not provided. -The ODFL account number for the receiving location associated with the bill to account.
consignee.name	string	Company name associated with the consignee.
consignee.addressLine1	string	Line one of the consignee's street address.
consignee.city	string	The consignee's city.
consignee.state	string	Two letter state/province code for the consignee's address.
billToAccount	long	The company's OD bill to account number/id. -Include in all requests for the most accurate rates based on your OD pricing. -The ODFL account number responsible for processing freight invoices and charges.
cubicVolume	integer	The cubic volume of the shipment. -Cannot exceed 9,999 FT or 3,047 M
linearLength	integer	The linear dimension of the shipment. -Required for Security Divider and Volume

Name	Type	Description
shipmentItems.hazardousId	string	The UN/NA number for the freight if it's hazardous.
shipmentItems.description	string	Description of the freight.
shipmentItems.length	integer	The length of the handling unit(s) being described.
shipmentItems.width	integer	The width of the handling unit(s) being described.
shipmentItems.height	integer	The height of the handling unit(s) being described.
shipmentItems.weight	integer	The weight of the handling unit(s) being described.
shipmentItems.freightClass	integer	The class of the shipment item. (See Values)
shipmentItems.nmfc	integer	The NMFC code of the freight.
shipmentItems.nmfcSub	integer	The NMFC sub code of the freight.

Response Fields- Rates

Field Name	Type	Description
timestamp	ISO-Time	The date and time the response was received.
rateRequestId	string	The unique ID for the rates(s) requested.
success	Boolean	Indicates if the request was successful. -Success = true -Failed = false
rateEstimateNumber	long	The reference number for the requested rate. -Is not returned on request with multiple servicesType and/or rateType -When servicesType and/or rateType is requested, the reference number can be obtained using the reserve endpoint.
serviceDays	array	Contains information on service days.
serviceDays.city	string	The city of the destination location.
serviceDays.days	integer	The estimated transit days between the origin and destination. -This does not include the day of pickup, weekends and/or holidays.
directDelivery	Boolean	This lane is fully serviced by ODFL from origin to destination. -Yes = true -No = false
requestedRates	array	Contains the rate details for the serviceType and rateType requested.
requestedRates.detailId	string	The ID for the specific serviceType and rateType.
requestedRates.serviceType	string	The service type rated.
requestedRates.rateType	string	The rate type rated.
requestedRates.accessorialCharges	array	Contains information on services requested.
requestedRates.accessorialCharges.code	string	The code for the service requested or required.
requestedRates.accessorialCharges.amount	decimal number	The charge for the additional service requested or required.
requestedRates.accessorialCharges.description	string	A description of the additional service requested or required.
requestedRates.accessorialCharges.variableCharge	Boolean	A flag to display if the service is factored based on specific variables. -True or false
requestedRates.totalCharge	decimal number	The total amount for the serviceType and rateType requested.
requestedRates.totalAccessorialCharges	decimal number	A sum of the service charges requested or required.
requestedRates.variableAccessorialRate	Boolean	A flag to display if any of the services are factored based on specific variables. -True or false
requestedRates.discountAmount	decimal number	The amount being discounted based on the account specific pricing discount.

Field Name	Type	Description
requestedRates.discountPercentage	decimal number	The percentage being discounted based on the account specific pricing discount.
requestedRates.discountedFreightCharge	decimal number	The amount of net charges after the discount is applied, but before fuel and accessorial charges are applied.
requestedRates.fuelSurcharge	decimal number	The cost of fuel.
requestedRates.grossFreightCharges	decimal number	The amount of gross charges before the discount, fuel and accessorial charges are applied.
requestedRates.internationalCharge	decimal number	The charges that are associated with international shipping fees.
requestedRates.netFreightCharges	decimal number	The total amount for the serviceType and rateType requested.
requestedRates.linearFeetCharge	decimal number	The total linear feet calculated within the rate.
requestedRates.rateExpirationDate	ISO-Date	The expiration date for the rated serviceType and rateType requested.
requestedRates.errorsMessages	list of strings	Error(s) that may occur on the serviceType and rateType requested.
requestedRates.informationMessages	list of strings	Additional information on the serviceType and rateType requested.
alternateRates	array	Contains the rate details for alternative rates based on shipment details.
alternateRates.detailId	string	The ID for the specific serviceType and rateType.
alternateRates.serviceType	string	The service type rated.
alternateRates.rateType	string	The rate type rated.
alternateRates.accessorialCharges	array	Contains information on services requested.
alternateRates.accessorialCharges.code	string	The code for the service requested or required.
alternateRates.accessorialCharges.amount	decimal number	The charge for the additional service requested or required.
alternateRates.accessorialCharges.description	string	A description of the additional service requested or required.
alternateRates.accessorialCharges.variableCharge	Boolean	A flag to display if the service is factored based on specific variables. -True or false
alternateRates.totalCharge	decimal number	The total amount for the alternative rate.
alternateRates.totalAccessorialCharges	decimal number	A sum of the service charges requested or required.
alternateRates.variableAccessorialRate	Boolean	A flag to display if any of the services are factored based on specific variables. -True or false

Field Name	Type	Description
alternateRates.discountAmount	decimal number	The amount being discounted based on the account specific pricing discount.
alternateRates.discountPercentage	decimal number	The percentage being discounted based on the account specific pricing discount.
alternateRates.discountedFreightCharge	decimal number	The amount of net charges after the discount is applied, but before fuel and accessorial charges are applied.
alternateRates.fuelSurcharge	decimal number	The cost of fuel.
alternateRates.grossFreightCharges	decimal number	The amount of gross charges before the discount, fuel and accessorial charges are applied.
alternateRates.internationalCharge	decimal number	The charges that are associated with international shipping fees.
alternateRates.netFreightCharges	decimal number	The total amount for the alternative rate.
alternateRates.linearFeetCharge	decimal number	The total linear feet calculated within the rate.
alternateRates.rateExpirationDate	ISO-Date	The expiration date for the rated alternative rate.
alternateRates.errorsMessages	list of strings	Error(s) that may occur on the alternative rate.
alternateRates.informationMessages	list of strings	Additional information on the alternative rate.
shipper	object	Contains shipper information.
shipper.shipperAddressCorrection	Boolean	A flag that indicates if a correction was made to the shipper's address.
shipper.accountNumber	long	The shipper's OD account number/id. -Required for movement direction outbound if bill to not provided. -The ODFL account number for the shipping location associated with the bill to account.
shipper.name	string	Company name associated with the shipper.
shipper.addressLine1	string	Line one of the shipper's street address.
shipper.addressLine2	string	Line two of the shipper's street address.
shipper.city	string	The shipper's city.
shipper.state	string	The shipper's state.
shipper.zipCode	string	The shipper's zip/postal code. -"12345-1234" (5 digits + 4 - USA) -"12345" (5 digits - USA/MEX) -"A1A1A1" (6 characters - CAN)
shipper.country	string	The shipper's country.
consignee	object	Contains consignee information.
consignee.consigneeAddressCorrection	Boolean	A flag that indicates if a correction was made to the consignee's address.
consignee.accountNumber	long	The consignee's OD account number/id. -Required for movement direction inbound if bill to not provided. -The ODFL account number for the receiving location associated with the bill to account.

Field Name	Type	Description
consignee.name	string	Company name associated with the consignee.
consignee.addressLine1	string	Line one of the consignee's street address.
consignee.addressLine2	string	Line two of the consignee's street address.
consignee.city	string	The consignee's city.
consignee.state	string	The consignee's state.
consignee.zipCode	string	The consignee's zip/postal code. -"12345-1234" (5 digits + 4 - USA) -"12345" (5 digits - USA/MEX) -"A1A1A1" (6 characters - CAN)
consignee.country	string	The consignee's country.
originServiceCenter	object	Contains origin service center information.
originServiceCenter.alphaCode	string	The code for the origin service center.
originServiceCenter.name	string	The name of the origin service center.
originServiceCenter.address	string	The origin service center's address.
originServiceCenter.city	string	The origin service center's city.
originServiceCenter.state	string	The origin service center's state.
originServiceCenter.zipCode	string	The origin service center's zip code. -"12345-1234" (5 digits + 4 - USA) -"12345" (5 digits - USA/MEX) -"A1A1A1" (6 characters - CAN)
originServiceCenter.country	string	The origin service center's country.
originServiceCenter.manager	string	The manager of the origin service center.
originServiceCenter.emailAddress	string	The email for the origin service center.
originServiceCenter.fax	string	The fax number for the origin service center.
originServiceCenter.phone	string	The phone number for the origin service center.
destinationServiceCenter	object	Contains destination service center information.
destinationServiceCenter.alphaCode	string	The code for the destination service center.
destinationServiceCenter.name	string	The name of the destination service center.
destinationServiceCenter.address	string	The destination service center's address.
destinationServiceCenter.city	string	The destination service center's city.
destinationServiceCenter.state	string	The destination service center's state.
destinationServiceCenter.zipCode	string	The destination service center's zip code. -"12345-1234" (5 digits + 4 - USA) -"12345" (5 digits - USA/MEX) -"A1A1A1" (6 characters - CAN)
destinationServiceCenter.country	string	The destination service center's country.
destinationServiceCenter.manager	string	The manager of the destination service center.
destinationServiceCenter.emailAddress	string	The email for the destination service center.
destinationServiceCenter.fax	string	The fax number for the destination service center.
destinationServiceCenter.phone	string	The phone number for the destination service center.

Field Name	Type	Description
errorsMessages	list of strings	Error(s) that may occur on the API request.
informationMessages	list of strings	Additional information on the API request.

Request Fields- Reserve Rates

Required

Field Name	Type	Description
serviceType	string	The service being requested
rateType	string	The type of rate being requested
rateRequestId	string	The unique ID for the rates(s) requested.

Response Fields- Reserve Rates

Field Name	Type	Description
rateEstimateNumber	long	The reference number for the requested rate.
errorMessages	list of strings	Error(s) that may occur on the API request.
informationMessages	list of strings	Additional information on the API request.

Values

Field Values

Field Name	Valid Values	Description
requestedRates.serviceType	LTL	Default, Security Divider, Volume, Pallet -1R1T : Delivering 2027- Phase 2
	Guaranteed by 5pm	Default, Security Divider, Volume, Pallet -1R1T : Delivering 2027- Phase 2
	Guaranteed by Noon	Default, Volume
	Trade Show	Default -Delivering Soon- Phase 2
	Home Moving	Default -Delivering 2027- Phase 2
	Truckload Brokerage	Default, Truckload Plus -Delivering 2027- Phase 2
requestedRates.rateType	Default	
	Security Divider	
	Volume	
	Pallet	
	1R1T -Delivering 2027- Phase 2	
	Truckload Plus -Delivering 2027- Phase 2	
accessorialCodes -Conflicting pickup location types cannot be used together -Conflicting delivery location types cannot be used together	AID	Airport Delivery
	AIP	Airport Pickup
	ARN	Notification Prior to Delivery -Cannot be used with CA
	BWS	Blanket Wrap Service -Cannot be used with PFF -Not available for rate type Security Divider
	CA	Scheduled Appointment Delivery -Cannot be used with ARN
	CP	Scheduled Appointment Pickup
	CDC	School, College, Church Delivery
	CPC	School, College, Church Pickup
	CSD	Construction Site Delivery
	CSP	Construction Site Pickup
	DER	Debris Removal -Not available for rate type Security Divider
	DSM	Mine, Oil Field, Quarry Delivery
	DSW	Solar, Wind Farm Delivery
	HYD	Liftgate Service Delivery
	HYO	Liftgate Service Pickup -Not available for rate type Security Divider
	IDC	Inside Delivery

Field Name	Valid Values	Description
	IPC	Inside Pickup -Not available for rate type Security Divider
	LDC	Secured/Limited Access Delivery -Not available for rate type Security Divider
	LPC	Secured/Limited Access Pickup -Not available for rate type Security Divider
	PFF	Protect from Freezing -Cannot be used with BWS
	PSM	Mine, Oil Field, Quarry Pickup
	PSW	Solar, Wind Farm Pickup
	PVD	Photo Verification at Delivery -Not available for rate type Security Divider
	PVP	Photo Verification at Pick-up -Not available for rate type Security Divider
	RDC	Residential/Non-Commercial Delivery
	RPC	Residential/Non-Commercial Pickup
	SSC	Sorting or Segregating -Not available for rate type Security Divider
	SWD	Self Storage Delivery
	SWO	Self Storage Pickup
	TCD	The Complete Delivery -Not available for rate type Security Divider
equipmentType -Truckload : Delivering 2027- Phase 2	Vans -Truckload : Delivering 2027- Phase 2	
	Flatbeds -Truckload : Delivering 2027- Phase 2	
	Reefers -Truckload : Delivering 2027- Phase 2	
movementDirection	Inbound	
	Outbound	
	Third Party	
currency	USD	United States Dollar
	CAD	Canadian Dollar
freightTerms	Prepaid	
	Collect	
shipper.country, consignee.country	USA	
	CAN	
	MEX	
deliveryDateType	Deliver On or After Date	
	Deliver By Date	
	Delivery Window	
	Deliver On Date	
cubicVolumeDimension, linearLengthDimension	FT	Feet
	M	Meters

Field Name	Valid Values	Description
weightUnitType	LB	Pounds
	KG	Kilograms
shipmentItems.handlingUnitType	BAG	Bag
	BALE	Bale
	BDL	Bundle
	BOX	Box
	BSKD	Banded Skid
	CAN	Can
	CASE	Case
	CRT	Crate
	CTN	Carton
	DRUM	Drum
	LSE	Loose
	OTH	Other
	PAIL	Pail
	REEL	Reel
	ROLL	Roll
	SKID	Skid
	TOTE	Tote
	WSKD	Wrapped Skid
shipmentItems.dimensionUnitType	IN	Inches
	CM	Centimeters
shipmentItems.freightClass	50	
	55	
	60	
	65	
	70	
	77.5	
	85	
	92.5	
	100	
	110	
	125	
	150	
	175	
	200	
	250	
	300	
	400	
	500	

Sample

Request - Rates


```
{
   "sourceType": "",
   "requestedRates": [
      {
         "serviceType": "LTL",
         "rateType": "Default"
      },
      {
         "serviceType": "LTL",
         "rateType": "Security Divider"
      },
      {
         "serviceType": "LTL",
         "rateType": "Volume"
      },
      {
         "serviceType": "Guaranteed by 5pm",
         "rateType": "Pallet"
      },
      {
         "serviceType": "Guaranteed by Noon",
         "rateType": "Default"
      }
   ],
   "referenceNumberRequested": false,
   "pickupDate": "2026-05-21T14:06:03.599Z",
   "accessorialCodes": [
      "HYD"
   ],
   "declaredValue": 1500.20,
   "cargoLiability": 50,
   "contactFirstName": "TEST",
   "contactLastName": "TESTER",
   "contactPhoneNumber": 5555555555,
   "contactPhoneExtension": 123,
   "contactEmail": "test@rating.com",
   "contactRelationship": "Tester",
   "contactCompanyName": "TEST COMPANY",
   "customer": "TEST CUSTOMER",
   "integrationCustomer": "string",
   "transportationManagementSystem": "string",
   "thirdPartyLogistics": "string",
   "currency": "USD",
   "deliveryDateType": "delivery window",
   "deliveryStartDate": "2026-05-29T14:06:03.599Z",
   "deliveryEndDate": "2026-05-29T14:06:03.599Z",
   "movementDirection": "Third Party",
   "freightTerms": "PREPAID",
   "shipper": {
      "account": null,
      "name": "Shipper Inc",
      "attention": "Ship Per",
      "addressLine1": "C/O Distribution Center",
      "addressLine2": "123 Shipper Street",
      "city": "DOWNEY",
      "state": "CA",
```

```
      "zipCode": "90241",
      "country": "USA",
      "phoneNumber": 1231231234,
      "phoneExtension": 123,
      "email": "test@rating.com",
      "dockCloseTime": "14:06"
   },
   "consignee": {
      "account": null,
      "name": "Consignee Co",
      "attention": "Con Signee",
      "addressLine1": "321 Consignee Court",
      "city": "Acheson",
      "state": "AB",
      "zipCode": "T7X5A6",
      "country": "CAN",
      "phoneNumber": 1234569874,
      "phoneExtension": 123,
      "email": "test@rating.com"
   },
   "billToAccount": 123456789,
   "cubicVolume": 75,
   "cubicVolumeDimension": "FT",
   "linearLength": 2,
   "linearLengthDimension": "FT",
   "totalWeight": 5000,
   "netWeight": 4700,
   "skidWeight": 300,
   "weightUnitType": "LB",
   "shipmentItems": [
      {
         "freightClass": 77,
         "handlingUnitCount": 4,
         "handlingUnitType": "SKID",
         "hazardous": false,
         "hazardousId": "NA4000",
         "description": "string",
         "stackable": true,
         "dimensionUnitType": "IN",
         "length": 48,
         "width": 48,
         "height": 48,
         "weight": 4700,
         "nmfc": 161130,
         "nmfcSub": 12
      }
   ]
}
```


Response - Rates


```
{
   "timestamp": "2026-05-21T14:30:26.098535946",
   "rateRequestId": "1a1a1aaa-aaa1-1a1a-a111-11a11a11aaa1",
   "success": true,
   "rateEstimateNumber": 0,
   "serviceDays": [
      {
         "city": "ACHESON",
         "days": 4
      }
   ],
```

```
"directDelivery": true,
"requestedRates": [
  {
    "serviceType": "LTL",
    "rateType": "DEFAULT",
    "accessorialCharges": [
      {
        "code": "CSC",
        "amount": 24.00,
        "description": "Border Documentation Fee",
        "variableCharge": false
      },
      {
        "code": "BCO",
        "amount": 11.00,
        "description": "Border Security Charge",
        "variableCharge": false
      },
      {
        "code": "CAS",
        "amount": 22.00,
        "description": "CALIFORNIA COMPLIANCE SURCHARGE",
        "variableCharge": false
      },
      {
        "code": "HYD",
        "amount": 206.80,
        "description": "Liftgate Service Delivery",
        "variableCharge": false
      },
      {
        "code": "IND",
        "amount": 79.60,
        "description": "Addl Cargo Liability-IND $50",
        "variableCharge": false
      }
    ],
    "errorMessages": [],
    "informationMessages": [],
    "detailId": "111111111",
    "totalCharge": 8024.26,
    "totalAccessorialCharges": 308.40,
    "variableAccessorialRate": false,
    "discountAmount": 27374.88,
    "discountPercentage": 82.00,
    "discountedFreightCharge": 6009.12,
    "fuelSurcharge": 1671.74,
    "grossFreightCharges": 33384.00,
    "internationalCharge": 35.00,
    "netFreightCharges": 8024.26,
    "linearFeetCharge": 6,
    "rateExpirationDate": "2026-05-31"
  },
  {
    "serviceType": "LTL",
    "rateType": "SECURITYDIVIDER",
    "accessorialCharges": [],
    "errorMessages": [
      "Please contact 699Quotes@ODFL.com for a rate estimate"
    ],
    "informationMessages": [],
    "detailId": null,
```

```
    "totalCharge": null,
    "totalAccessorialCharges": null,
    "variableAccessorialRate": null,
    "discountAmount": null,
    "discountPercentage": null,
    "discountedFreightCharge": null,
    "fuelSurcharge": null,
    "grossFreightCharges": null,
    "internationalCharge": null,
    "netFreightCharges": null,
    "linearFeetCharge": null,
    "rateExpirationDate": null
  },
  {
    "serviceType": "LTL",
    "rateType": "VOLUME",
    "accessorialCharges": [
      {
        "code": "CSC",
        "amount": 24.00,
        "description": "Border Documentation Fee",
        "variableCharge": false
      },
      {
        "code": "BCO",
        "amount": 11.00,
        "description": "Border Security Charge",
        "variableCharge": false
      },
      {
        "code": "CAS",
        "amount": 22.00,
        "description": "CALIFORNIA COMPLIANCE SURCHARGE",
        "variableCharge": false
      },
      {
        "code": "HYD",
        "amount": 206.80,
        "description": "Liftgate Service Delivery",
        "variableCharge": false
      },
      {
        "code": "IND",
        "amount": 79.00,
        "description": "Addl Cargo Liability-IND $50",
        "variableCharge": false
      }
    ],
    "errorMessages": [],
    "informationMessages": [],
    "detailId": "222222222",
    "totalCharge": 3011.58,
    "totalAccessorialCharges": 307.80,
    "variableAccessorialRate": false,
    "discountAmount": 0.00,
    "discountPercentage": 0.00,
    "discountedFreightCharge": 2087.92,
    "fuelSurcharge": 580.86,
    "grossFreightCharges": 2087.92,
    "internationalCharge": 35.00,
    "netFreightCharges": 3011.58,
    "linearFeetCharge": 6,
```

```
    "rateExpirationDate": "2026-05-31"
  },
  {
    "serviceType": "Guaranteed by 5pm",
    "rateType": "PALLET",
    "accessorialCharges": [
      {
        "code": "GTD",
        "amount": 710.33,
        "description": "Speed Service-Guaranteed",
        "variableCharge": false
      },
      {
        "code": "CSC",
        "amount": 24.00,
        "description": "Border Documentation Fee",
        "variableCharge": false
      },
      {
        "code": "BCO",
        "amount": 11.00,
        "description": "Border Security Charge",
        "variableCharge": false
      },
      {
        "code": "CAS",
        "amount": 22.00,
        "description": "CALIFORNIA COMPLIANCE SURCHARGE",
        "variableCharge": false
      },
      {
        "code": "HYD",
        "amount": 206.80,
        "description": "Liftgate Service Delivery",
        "variableCharge": false
      },
      {
        "code": "IND",
        "amount": 79.00,
        "description": "Addl Cargo Liability-IND $50",
        "variableCharge": false
      }
    ],
    "errorMessages": [],
    "informationMessages": [],
    "detailId": "333333333",
    "totalCharge": 3894.47,
    "totalAccessorialCharges": 307.80,
    "variableAccessorialRate": false,
    "discountAmount": 0.00,
    "discountPercentage": 0.00,
    "discountedFreightCharge": 2222.92,
    "fuelSurcharge": 618.42,
    "grossFreightCharges": 2222.92,
    "internationalCharge": 35.00,
    "netFreightCharges": 3894.47,
    "linearFeetCharge": 6,
    "rateExpirationDate": "2026-05-31"
  },
  {
    "serviceType": "Guaranteed by Noon",
    "rateType": "DEFAULT",
```

```
        "accessorialCharges": [],
        "errorMessages": [],
        "informationMessages": [],
        "detailId": "444444444",
        "totalCharge": 0.00,
        "totalAccessorialCharges": 308.40,
        "variableAccessorialRate": false,
        "discountAmount": 27374.88,
        "discountPercentage": 82.00,
        "discountedFreightCharge": 6009.12,
        "fuelSurcharge": 1671.74,
        "grossFreightCharges": 33384.00,
        "internationalCharge": 35.00,
        "netFreightCharges": 0.00,
        "linearFeetCharge": 6,
        "rateExpirationDate": "2026-05-31"
    }
],
"alternateRates": [
    {
        "serviceType": "Guaranteed by 5pm",
        "rateType": "DEFAULT",
        "accessorialCharges": [
            {
                "code": "GTD",
                "amount": 1920.21,
                "description": "Speed Service-Guaranteed",
                "variableCharge": false
            },
            {
                "code": "CSC",
                "amount": 24.00,
                "description": "Border Documentation Fee",
                "variableCharge": false
            },
            {
                "code": "BCO",
                "amount": 11.00,
                "description": "Border Security Charge",
                "variableCharge": false
            },
            {
                "code": "CAS",
                "amount": 22.00,
                "description": "CALIFORNIA COMPLIANCE SURCHARGE",
                "variableCharge": false
            },
            {
                "code": "HYD",
                "amount": 206.80,
                "description": "Liftgate Service Delivery",
                "variableCharge": false
            },
            {
                "code": "IND",
                "amount": 79.60,
                "description": "Addl Cargo Liability-IND $50",
                "variableCharge": false
            }
        ],
        "errorMessages": [],
        "informationMessages": [],
```

```
    "detailId": "555555555",
    "totalCharge": 9944.47,
    "totalAccessorialCharges": 343.40,
    "variableAccessorialRate": false,
    "discountAmount": 27374.88,
    "discountPercentage": 82.00,
    "discountedFreightCharge": 6009.12,
    "fuelSurcharge": 1671.74,
    "grossFreightCharges": 33384.00,
    "internationalCharge": 35.00,
    "netFreightCharges": 9944.47,
    "linearFeetCharge": 6,
    "rateExpirationDate": "2026-05-31"
  },
  {
    "serviceType": "Guaranteed by 5pm",
    "rateType": "Security divider",
    "accessorialCharges": [],
    "errorMessages": [
      "missing required fields to enrich rate"
    ],
    "informationMessages": [],
    "detailId": null,
    "totalCharge": null,
    "totalAccessorialCharges": null,
    "variableAccessorialRate": null,
    "discountAmount": null,
    "discountPercentage": null,
    "discountedFreightCharge": null,
    "fuelSurcharge": null,
    "grossFreightCharges": null,
    "internationalCharge": null,
    "netFreightCharges": null,
    "linearFeetCharge": null,
    "rateExpirationDate": null
  },
  {
    "serviceType": "Guaranteed by Noon",
    "rateType": "VOLUME",
    "accessorialCharges": [],
    "errorMessages": [],
    "informationMessages": [],
    "detailId": "666666666",
    "totalCharge": 0.00,
    "totalAccessorialCharges": 342.80,
    "variableAccessorialRate": false,
    "discountAmount": 0.00,
    "discountPercentage": 0.00,
    "discountedFreightCharge": 2087.92,
    "fuelSurcharge": 580.86,
    "grossFreightCharges": 2087.92,
    "internationalCharge": 35.00,
    "netFreightCharges": 0.00,
    "linearFeetCharge": 6,
    "rateExpirationDate": "2026-05-31"
  },
  {
    "serviceType": "Guaranteed by 5pm",
    "rateType": "VOLUME",
    "accessorialCharges": [
      {
        "code": "GTD",
```

```
            "amount": 667.19,
            "description": "Speed Service-Guaranteed",
            "variableCharge": false
         },
         {
            "code": "CSC",
            "amount": 24.00,
            "description": "Border Documentation Fee",
            "variableCharge": false
         },
         {
            "code": "BCO",
            "amount": 11.00,
            "description": "Border Security Charge",
            "variableCharge": false
         },
         {
            "code": "CAS",
            "amount": 22.00,
            "description": "CALIFORNIA COMPLIANCE SURCHARGE",
            "variableCharge": false
         },
         {
            "code": "HYD",
            "amount": 206.80,
            "description": "Liftgate Service Delivery",
            "variableCharge": false
         },
         {
            "code": "IND",
            "amount": 79.00,
            "description": "Addl Cargo Liability-IND $50",
            "variableCharge": false
         }
      ],
      "errorMessages": [],
      "informationMessages": [],
      "detailId": "777777777",
      "totalCharge": 3678.77,
      "totalAccessorialCharges": 342.80,
      "variableAccessorialRate": false,
      "discountAmount": 0.00,
      "discountPercentage": 0.00,
      "discountedFreightCharge": 2087.92,
      "fuelSurcharge": 580.86,
      "grossFreightCharges": 2087.92,
      "internationalCharge": 35.00,
      "netFreightCharges": 3678.77,
      "linearFeetCharge": 6,
      "rateExpirationDate": "2026-05-31"
   }
],
"shipper": {
   "account": null,
   "name": "Shipper Inc",
   "addressLine1": "C/O Distribution Center",
   "addressLine2": "123 Shipper Street",
   "city": "DOWNEY",
   "state": "CA",
   "zipCode": "90241",
   "country": "USA",
   "shipperAddressCorrection": false
```

```
  },
  "consignee": {
    "account": null,
    "name": "Consignee Co",
    "addressLine1": "321 Consignee Court",
    "addressLine2": null,
    "city": "ACHESON",
    "state": "AB",
    "zipCode": "T7X5A6",
    "country": "CAN",
    "consigneeAddressCorrection": false
  },
  "originServiceCenter": {
    "alphaCode": "LAS",
    "name": "LOS ANGELES, CA - LAS",
    "address": "1225 W. Washington Blvd.",
    "city": "Montebello",
    "state": "CA",
    "zipCode": "90640",
    "country": "USA",
    "manager": "Hector Torres",
    "emailAddress": "ItFinanceTechPreprd@odfl.com",
    "fax": "(323) 728-8206",
    "phone": "(800) 245-6533"
  },
  "destinationServiceCenter": {
    "alphaCode": "EDM",
    "name": "EDMONTON, AB - EDM",
    "address": "11310 Bevington Road",
    "city": "Acheson",
    "state": "AB",
    "zipCode": "T7X6B8",
    "country": "CAN",
    "manager": "Rob Kelly",
    "emailAddress": "ItFinanceTechPreprd@odfl.com",
    "fax": "(780) 960-0701",
    "phone": "(844) 331-9452"
  },
  "errorMessages": [],
  "informationMessages": []
}
```


Request – Rates: Mixed Commodities


```
{
  "sourceType": "",
  "requestedRates": [
    {
      "serviceType": "LTL",
      "rateType": "Default"
    }
  ],
  "referenceNumberRequested": true,
  "accessorialCodes": [
    "CA"
  ],
  "movementDirection": "Third Party",
  "freightTerms": "PREPAID",
  "shipper": {
```

```
      "zipCode": "50014",
      "country": "USA"
   },
   "consignee": {
      "zipCode": "27360",
      "country": "USA"
   },
   "billToAccount": 123456789,
   "totalWeight": 410,
   "weightUnitType": "LB",
   "shipmentItems": [
      {
// 2 skids at 150 lbs each
         "handlingUnitCount": 2,
         "handlingUnitType": "SKID",
         "dimensionUnitType": "IN",
         "length": 48,
         "width": 48,
         "height": 48,
         "freightClass": 70,
         "weight": 300
      },
      {
// 1 skid with mixed commodities- 50 lbs of class 85 and 60 lbs of class 100
         "handlingUnitCount": 1,
         "handlingUnitType": "SKID",
         "dimensionUnitType": "IN",
         "length": 48,
         "width": 40,
         "height": 40,
         "freightClass": 85,
         "weight": 50
      },
         "freightClass": 100,
         "weight": 60
      }
   ]
}
```

Response – Rates: Mixed Commodities


```
{
   "timestamp": "2026-08-05T09:05:25.791733341",
   "rateRequestId": "1a1a1aaa-aaa1-1a1a-a111-11a11a11aab2",
   "success": true,
   "rateEstimateNumber": 9999999999,
   "serviceDays": [
      {
         "city": "FAIR GROVE",
         "days": 2
      },
      {
         "city": "THOMASVILLE",
         "days": 2
      }
   ],
```

```
"directDelivery": true,
"requestedRates": [
   {
      "serviceType": "LTL",
      "rateType": "DEFAULT",
      "accessorialCharges": [
         {
            "code": "CA ",
            "amount": 0.00,
            "description": "Scheduled Appointment Delivery",
            "variableCharge": false
         }
      ],
      "errorMessages": [],
      "informationMessages": [
         "Include cubic volume or length, width, and height for shipment items for a more accurate rate."
      ],
      "detailId": "101010101",
      "totalCharge": 215.44,
      "totalAccessorialCharges": 0.00,
      "variableAccessorialRate": false,
      "discountAmount": 116.34,
      "discountPercentage": 44.00,
      "discountedFreightCharge": 148.07,
      "fuelSurcharge": 67.37,
      "grossFreightCharges": 264.41,
      "internationalCharge": 0.00,
      "netFreightCharges": 215.44,
      "linearFeetCharge": 0,
      "rateExpirationDate": "2026-08-15"
   }
],
"alternateRates": [
   {
      "serviceType": "Guaranteed by Noon",
      "rateType": "DEFAULT",
      "accessorialCharges": [
         {
            "code": "GTE",
            "amount": 134.56,
            "description": "Speed Service Guaranteed NOON",
            "variableCharge": false
         },
         {
            "code": "CA ",
            "amount": 0.00,
            "description": "Scheduled Appointment Delivery",
            "variableCharge": false
         }
      ],
      "errorMessages": [],
      "informationMessages": [],
      "detailId": "202020202",
      "totalCharge": 350.00,
      "totalAccessorialCharges": 134.56,
      "variableAccessorialRate": false,
      "discountAmount": 0.00,
      "discountPercentage": 44.00,
      "discountedFreightCharge": 0.00,
      "fuelSurcharge": 0.00,
      "grossFreightCharges": 350.00,
      "internationalCharge": 0.00,
```

```
        "netFreightCharges": 350.00,
        "linearFeetCharge": 0,
        "rateExpirationDate": "2026-08-15"
    },
    {
        "serviceType": "Guaranteed by 5pm",
        "rateType": "DEFAULT",
        "accessorialCharges": [
            {
                "code": "GTD",
                "amount": 87.30,
                "description": "Speed Service-Guaranteed",
                "variableCharge": false
            },
            {
                "code": "CA ",
                "amount": 0.00,
                "description": "Scheduled Appointment Delivery",
                "variableCharge": false
            }
        ],
        "errorMessages": [],
        "informationMessages": [],
        "detailId": "303030303",
        "totalCharge": 302.74,
        "totalAccessorialCharges": 87.30,
        "variableAccessorialRate": false,
        "discountAmount": 116.34,
        "discountPercentage": 44.00,
        "discountedFreightCharge": 148.07,
        "fuelSurcharge": 67.37,
        "grossFreightCharges": 264.41,
        "internationalCharge": 0.00,
        "netFreightCharges": 302.74,
        "linearFeetCharge": 0,
        "rateExpirationDate": "2026-08-15"
    }
],
"shipper": {
    "account": null,
    "name": null,
    "addressLine1": null,
    "addressLine2": null,
    "city": "AMES",
    "state": "IA",
    "zipCode": "50014",
    "country": "USA",
    "shipperAddressCorrection": false
},
"consignee": {
    "account": null,
    "name": null,
    "addressLine1": null,
    "addressLine2": null,
    "city": "THOMASVILLE",
    "state": "NC",
    "zipCode": "27360",
    "country": "USA",
    "consigneeAddressCorrection": false
},
"originServiceCenter": {
    "alphaCode": "DSM",
```

```
      "name": "DES MOINES, IA - DSM",
      "address": "6925 Se Four Mile Drive",
      "city": "Ankeny",
      "state": "IA",
      "zipCode": "50021",
      "country": "USA",
      "manager": "Stephfon Johnson",
      "emailAddress": "Stephfon.Johnson@odfl.com",
      "fax": "(515) 266-0633",
      "phone": "(866) 585-6336"
   },
   "destinationServiceCenter": {
      "alphaCode": "KNC",
      "name": "KERNERSVILLE, NC - KNC",
      "address": "1651 Old Greensboro Road",
      "city": "Kernersville",
      "state": "NC",
      "zipCode": "27284",
      "country": "USA",
      "manager": "Ryan Wolverton",
      "emailAddress": "Ryan.Wolverton@odfl.com",
      "fax": "(336) 904-4126",
      "phone": "(844) 292-3626"
   },
   "errorMessages": [],
   "informationMessages": []
}
```


Request - Reserve Rates


```
{
   "serviceType": "LTL",
   "rateType": "DEFAULT",
   "rateRequestId": "1a1a1aaa-aaa1-1a1a-a111-11a11a11aaa1"
}
```


Response - Reserve Rates


```
{
   "rateEstimateNumber": 1112223334,
   "errorMessages": [],
   "informationMessages": []
}
```