

Search for Shipment



Warning

This documentation is for translated APIs and intended only for some implementations who have upgraded from a previous version of Order Management. Verify whether your implementation uses translated APIs before making this call, as you will experience errors if your tenant is not configured to use these. If your implementation is not configured to do so, then refer to the [standard API documentation](#) instead.

The Search Shipment API offers a means of locating an existing shipment by specifying one or more possible properties. A specific Shipment ID does not have to be known to perform the search, as the response will return all results that fit the criteria. This guide demonstrates how to find shipments with two particular characteristics as an example.

Note that the parameter schemas outlined in this guide are the exact same [as in the previous version of OMS](#), as the Unified Commerce platform supports backwards compatibility for this API. The only change to this request is the format of the base endpoint, as shown in the below table. Remember to provide the *x-vol-tenant* key for authentication in the headers.

Production URL	<code>https://{tenantId}-translation.mozu.com/api/v2/shipment/?{parameters}</code>
Sandbox URL	<code>https://{tenantId}-translation.sandbox.mozu.com/api/v2/shipment/?{parameters}</code>
Supported Formats	JSON
HTTP Method	GET

The request itself is built within the URL by adding a “/?” to the call followed by specific parameters joined by the “&” symbol. For instance, searching for a particular customer’s backordered shipments would use the following format:

- `https://{tenantId}-translation.mozu.com/api/v2/shipment/?customerID=[Customer ID]&shipmentStatus=BACKORDER`

In the case of performing a search with multiple terms of the same parameter, such as retrieving multiple customer IDs at once, use a comma-separated list as shown below.

- `https://{tenantId}-translation.mozu.com/api/v2/shipment/?customerID=[Customer ID One],[Customer ID Two],[Customer ID Three]`

GET calls that support pagination for numerous results, such as when searching, also accept a `perPage` parameter that defines how many results can be returned on each page. The default is 10 and the maximum is 100. Switch between pages of results by appending the `page` parameter to the call. For example:

- `https://{tenantId}-translation.mozu.com/api/v2/shipment/?customerID=[Customer ID]&perPage=2&page=2`

Example

This example case creates a call that will search for all of the ready shipments for a particular manufacturer. The request will specify the following properties:

- Manufacturer ID – 00000
- Shipment Status – READY

Required Parameters

A variety of possible properties can be used to locate an existing shipment. The API call always requires at least one of these data points to reference as a search term:

Parameter	Type	Description
orderId	string	A single or list of unique identifiers for orders. They must be positive integers.
shipmentID	string	A single or list of unique identifiers for shipments. They must be positive integers.
customerID	string	A unique identifier for the customer, usually an integer. The minimum length is 1.
manufacturerID	string	A single or list of unique identifiers for manufacturers. They must be positive integers.
externalOrderID	string	A client-generated unique identifier for the order. The minimum length is 1 and the maximum length is 100.
orderNumberSearch	string	An order number to search for. This can be an orderId, externalOrderID, or clientOrderNumber. The minimum length is 1 and the maximum length is 100.
retailerID	string	A single or list of unique identifiers for retailers. They must be positive integers.
orderStatus	enum	The order's current status in the fulfillment process.
shipmentStatus	enum	The shipment's fulfillment status within Kibo.
page	integer	The page number to begin listing the results from. The default and minimum value is "1". While this parameter is technically required, this default means that it does not have to be provided in the request unless a different page is specifically desired. Also, note that the page cannot be the sole parameter in the search query – if provided, there must be at least one of the other parameters in this table.

Optional Parameters

The API can also search for any of the below additional elements. Besides information about the shipment itself, some of these parameters allow the search results to be filtered based on different criteria.

Parameter	Type	Description
catalogID	integer	The catalog number for a manufacturer. The minimum value is “0”.
readyDateStart	string	Find shipments that were ready on or after this date. Supports date-time format.
readyDateEnd	string	Find shipments that were ready on or before this date. Supports date-time format.
backorderDateStart	string	Find shipments that were put on backorder on or after this date. Supports date-time format.
backorderDateEnd	string	Find shipments that were put on backorder on or before this date. Supports date-time format.
backorderReleaseDateStart	string	Find shipments that are set to be released from backorder on or after this date. Supports date-time format.
backorderReleaseDateEnd	string	Find shipments that are set to be released from backorder on or before this date. Supports date-time format.
condensedResponse	boolean	Supplying “true” excludes orderItems, capabilities, and restrictions from the response.
deliveryMethod	enum	The method of delivery for the shipment (SHIP_TO_HOME, IN_STORE_PICKUP, SHIP_TO_STORE, SHIP_TO_STORE_PLUS, or DIGITAL).
excludeFraudulent	boolean	Supplying “true” causes all orders with potential fraud issues to be excluded from the response.
externalStoreID	string	A client-generated unique identifier for the fulfillment location.
orderDateStart	string	Use in combination with orderDateEnd to search for orders created within a specific timeframe. Supports date-time format.
orderDateEnd	string	Use in combination with orderDateStart to search for orders created within a specific timeframe. Supports date-time format.
orderType	enum	The type of order (STANDARD, GIFT_CARD, TRANSFER, etc.).
shipDateStart	string	Use in combination with shipDateEnd to search for orders shipped within a specific timeframe. Supports date-time format.

shipDateEnd	string	Use in combination with shipDateStart to search for orders shipped within a specific timeframe. Supports date-time format.
shipmentStateType	enum	The type of order this shipment belongs to (STS, STH, ISPU, TISPU, or TRANSFER).
shipmentStateCode	string	An identifier for the shipment's specific status.
shipmentStateName	string	The name of the state code.
shipType	enum	The order's shipping method (REGULAR, EXPRESS_1_DAY, EXPRESS_2_DAY, or EXPRESS_3_DAY).
perPage	integer	The (max) number of items to return per results page. The minimum value is "1" and the maximum value is "100". The default is "10".
sortBy	string	The field(s) to sort results by, use a minus (-) in front of field name for descending, a plus (+) for ascending. The minimum length is 1.

The Full Request

Using the URL format as outlined above, the entire call is fairly simple to put together. This sample will search for shipments matching the example's parameters. Any amount of additional parameters could be appended if desired.

```
https://{tenantId}-translation.mozu.com/api/v2/shipment/?manufacturerID=00000&shipmentStatus=READY
```

The Full Response

The API returns the following response. The object returned is a Collection, which contains all of the shipment results that fit the provided information. The response details all of the information associated with the shipment: the shipping information, included items, and so forth. It follows the same organizational structure as the standard Get Shipment Information response.

In this case, the search returned a single shipment (Shipment ID 1234567).

```
{
  "collection": [
    {
      "shipmentID": 1234567,
      "orderID": 7654321,
      "manufacturerID": 00000,
      "externalOrderID": "1111111111",
      "catalogID": 1,
      "shipmentStatus": "READY",
      "shipmentStateCode": "1-100",
      "shipmentStateName": "accept_order",
      "shipmentStateType": "STH",
      "shipType": "REGULAR",
      "packingListLink": "https://www.shopatron.com/...",
      "assignedLocation": 12345,
    }
  ]
}
```

```
"shipperName": "DISTRIBUTION CENTER",
"shippingAddress": "11111111",
"shippingAddressInformation": {
  "addressID": "0000000",
  "customerID": "1234567",
  "firstName": "Test",
  "lastName": "User",
  "addressLine1": "111 Test St",
  "phone": "000-000-0000",
  "city": "Testville",
  "state": "CA",
  "postalCode": "00000",
  "countryCode": "US",
  "fraudLock": false,
  "active": true,
  "latitude": 00.0000,
  "longitude": -0000,
  "isBilling": false,
  "isShipping": false
},
"items": [
  {
    "orderItemID": 1122333,
    "itemState": "NORMAL",
    "orderID": 7654321,
    "shipmentID": 1234567,
    "manufacturerID": 00000,
    "partNumber": "111-2222-33-S",
    "upc": "0987654321",
    "description": "Shirt",
    "quantity": 1,
    "subtotal": 20,
    "subtotalTaxAmount": 1.06,
    "subtotalGross": 21.06,
    "retailPrice": 29.98,
    "mfgOfferPrice": 20,
    "lineDiscount": 0,
    "shipping": 0,
    "actualPrice": 20,
    "actualPriceTaxAmount": 1.06,
    "taxRate": 0.053,
    "customData": {
      },
    "options": [
      "color: Navy",
      "size: S"
    ],
    "serialNumberRequired": true,
    "capabilities": [
      "DUPLICATE_ORDER",
      "CANCEL_SHIPMENT",
      "AUTO_ASSIGN_SHIPMENT",
      "REASSIGN_SHIPMENT",
      "BACKORDER_SHIPMENT",
      "INCREASE SHIPPING_AND_HANDLING",
      "DECREASE SHIPPING_AND_HANDLING",
      "VIEW_TRACKING_INFORMATION",
      "ADD_TRACKING_TO_SHIPMENT",
      "EDIT_TRACKING_NUMBERS"
    ]
  }
]
```

```

"EDIT_TRACKING_NUMBER",
"DELETE_TRACKING_NUMBER",
"AUTO_ASSIGN_ITEM",
"REASSIGN_ITEM",
"BACKORDER_ITEM",
"CANCEL_ITEM",
"ADD_ITEM",
"INCREASE_ITEM_QUANTITY",
"DECREASE_ITEM_QUANTITY",
"INCREASE_ITEM_PRICE",
"DECREASE_ITEM_PRICE",
"INCREASE_ITEM_TAX",
"DECREASE_ITEM_TAX",
"OFFER_APPEASEMENT",
"ADD_PROMOTION",
"EDIT_CONSUMER_NAME",
"EDIT_CONSUMER_EMAIL",
"EDIT_CONSUMER_PHONE_NUMBER",
"EDIT_CONSUMER_SHIPPING_ADDRESS",
"EDIT_CONSUMER_BILLING_ADDRESS",
"ADD_PAYMENT_METHOD_CREDIT_CARD",
"ADD_PAYMENT_METHOD_GIFT_CARD",
"ADD_NOTE",
"VIEW_RESTRICTED_NOTE",
"ORDER_ROUTING_LOGS",
"ORDER_SNAPSHOTS"
],
"restrictions": [
"CANCEL_ORDER",
"UNCANCEL_ORDER",
"AUTO_ASSIGN_ORDER",
"REASSIGN_ORDER",
"UNCANCEL_SHIPMENT",
"UNFULFILL_SHIPMENT",
"UNCANCEL_ITEM",
"RETURN_ITEM",
"PROCESS_RETURN"
],
"discounts": []
}
],
"orderType": "STANDARD",
"createDate": "2017-09-08T12:36:05+00:00",
"orderDate": "2017-08-31T22:37:02+00:00",
"subtotal": 20,
"total": 21.06,
"shippingFee": 0,
"shippingTax": 0,
"shippingTaxRate": 0,
"shipmentItemTax": 1.06,
"shopatronTotal": 3.29,
"packageFee": 1.29,
"fulfillerTotal": 17.77,
"fulfillerShipping": 0,
"fulfillerTax": 0.99,
"readyDate": "2017-09-08T12:36:05+00:00",
"isLate": false,
"capabilities": [
"DUPLICATE_ORDER",
"CANCEL_SHIPMENT".

```

```
"AUTO_ASSIGN_SHIPMENT",
"REASSIGN_SHIPMENT",
"BACKORDER_SHIPMENT",
"INCREASE_SHIPPING_AND_HANDLING",
"DECREASE_SHIPPING_AND_HANDLING",
"VIEW_TRACKING_INFORMATION",
"ADD_TRACKING_TO_SHIPMENT",
"EDIT_TRACKING_NUMBER",
"DELETE_TRACKING_NUMBER",
"AUTO_ASSIGN_ITEM",
"REASSIGN_ITEM",
"BACKORDER_ITEM",
"CANCEL_ITEM",
"ADD_ITEM",
"INCREASE_ITEM_QUANTITY",
"DECREASE_ITEM_QUANTITY",
"INCREASE_ITEM_PRICE",
"DECREASE_ITEM_PRICE",
"INCREASE_ITEM_TAX",
"DECREASE_ITEM_TAX",
"OFFER_APPEASEMENT",
"ADD_PROMOTION",
"EDIT_CONSUMER_NAME",
"EDIT_CONSUMER_EMAIL",
"EDIT_CONSUMER_PHONE_NUMBER",
"EDIT_CONSUMER_SHIPPING_ADDRESS",
"EDIT_CONSUMER_BILLING_ADDRESS",
"ADD_PAYMENT_METHOD_CREDIT_CARD",
"ADD_PAYMENT_METHOD_GIFT_CARD",
"ADD_NOTE",
"VIEW_RESTRICTED_NOTE",
"ORDER_ROUTING_LOGS",
"ORDER_SNAPSHOTS"
],
"restrictions": [
  "CANCEL_ORDER",
  "UNCANCEL_ORDER",
  "AUTO_ASSIGN_ORDER",
  "REASSIGN_ORDER",
  "UNCANCEL_SHIPMENT",
  "UNFULFILL_SHIPMENT",
  "UNCANCEL_ITEM",
  "RETURN_ITEM",
  "PROCESS_RETURN"
],
"isGift": false,
"isTestOrder": false
},
],
}
```