

Mintec API

Use this API to download the data
Contact Info: support@mintecglobal.com
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Introduction

The Mintec's API is a [RESTful](#) API that provides programmatic access to allow customers to query and retrieve price series and cost models information. Forecast API is available to purchase with an additional subscription; refer to the [Forecast API](#) section below for more details.

This REST API identifies customers using OAuth; responses are in JSON.

Authentication & Authorisation

Mintec's implementation is based on the **Access Token request** flow of the [OAuth 2 specification](#), whereby the application must obtain a bearer token and submit this with every request. The token is valid for 1 hour. The API key is provisioned via the user profile in Mintec Analytics to obtain a secure token, and access is available over HTTPS only.

The following information is required to obtain a token, as an example:

Property	Value	Description
Authority (Connect/Token)	https://identity.mintecanalytics.com/connect/token	This endpoint is used to authenticate the user against the service.
client_id	ebcc725e95d89b2bccf89b351471fb28	Generated from Mintec Analytics > User profile> APIs Access
client_secret	ee094a61-8111-4479-bb6f-af61ca27b7ce	Generated from Mintec Analytics > User profile> APIs Access
grant_type	client_credentials	
scope	export_api, import_api	Scope must be set correctly

Auth Flow

- An application makes a request to the POST **connect/token** endpoint based on the Authority to exchange these credentials for a bearer token.

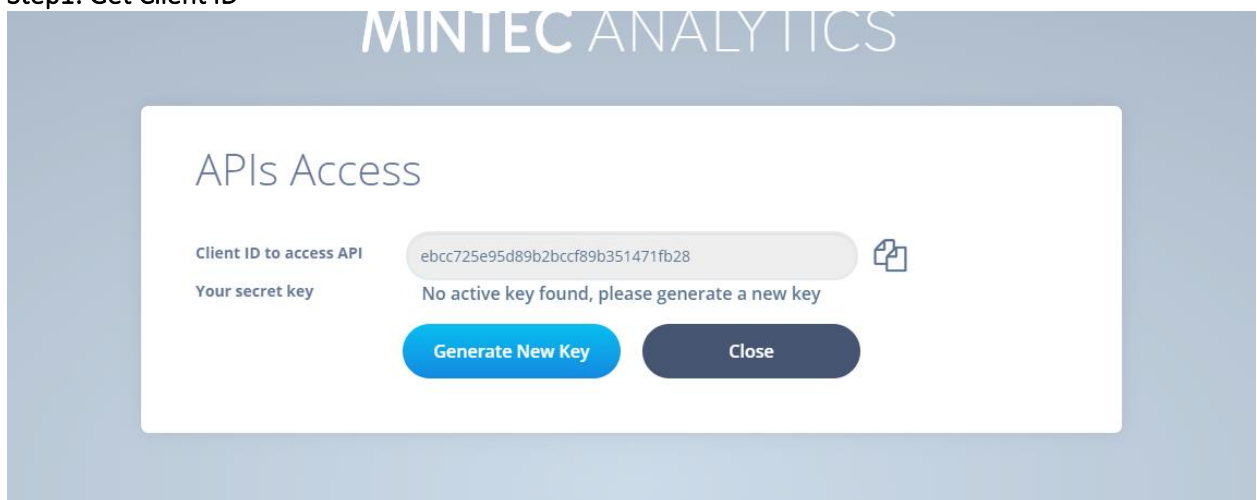
- When accessing the REST API, the application uses the bearer token to authenticate and is authorised to make the request.
- All requests must be made over HTTPS. Any requests made over plain HTTP will fail.

Access

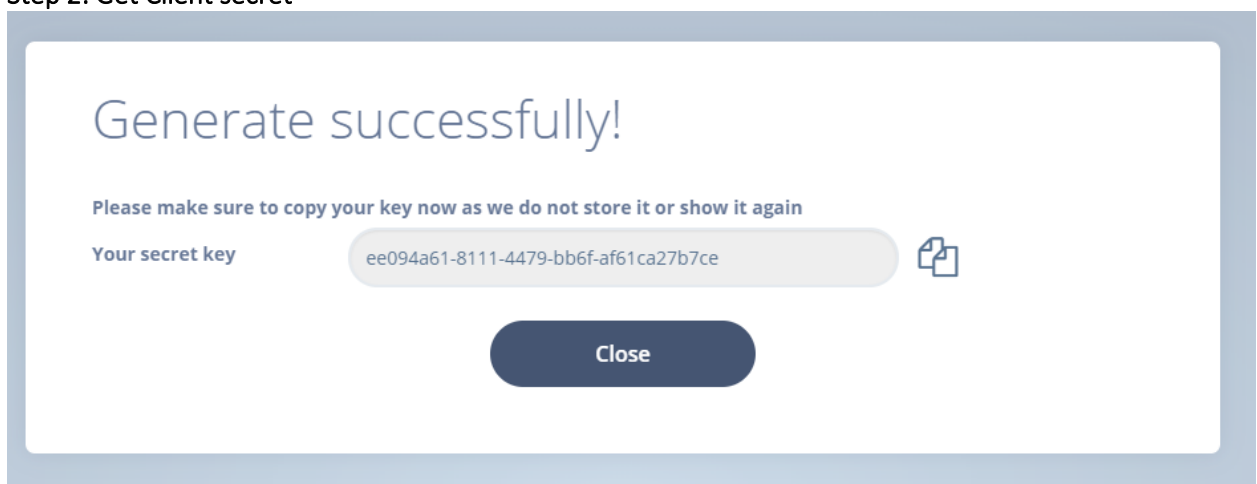
The API service endpoint <https://public-api.mintecanalytics.com/export>

Swagger – Use the below Swagger endpoint to explore the API. <https://public-api.mintecanalytics.com/swagger/index.html>

Step1: Get Client ID



Step 2: Get Client secret



Step 3: Get access token

This example is using Postman.

[illegible]

The screenshot below shows the Content-Type header set by Postman, your implementation will need to set the header accordingly. For all other API calls, refer to the details in their respective documents.

Get Auth Token

POST

{{tokenUrl}}

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Headers

Hide auto-generated headers

KEY	VALUE
☒ Postman-Token ①	<calculated when request is sent>
☒ Content-Type ①	application/x-www-form-urlencoded
☒ Content-Length ①	<calculated when request is sent>
☒ Host ①	<calculated when request is sent>
☒ User-Agent ①	PostmanRuntime/7.26.5
☒ Accept ①	*/*
☒ Accept-Encoding ①	gzip, deflate, br
☒ Connection ①	keep-alive
☐	application/formdata
Key	Value

Body

Cookies

Headers (11)

Test Results

Pretty

Raw

Preview

Visualize

JSON

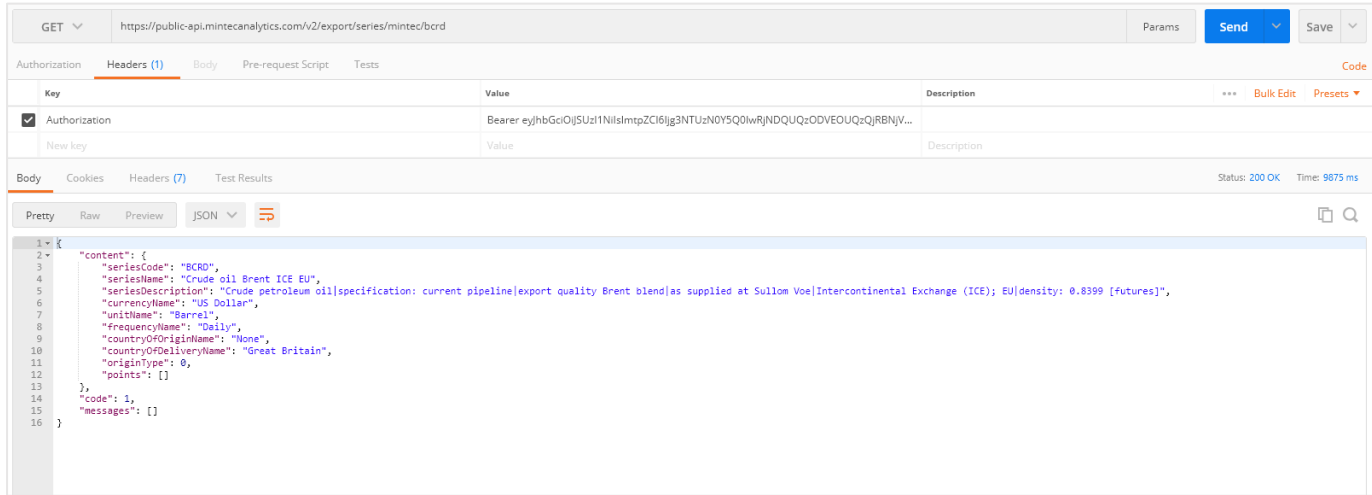
```

1 {
2   "access_token": "eyJhbGciOiJSUzI1NiIsImtpZCI6Ijg3NTUzN0Y5Q0IiwiaWJndQUzODVEOUQzQjRBNjVVFQ0Y0NjJCOURDRkNSUzI1NiIyYmYiojE2MDE5OTE4MTAsImV4cCI6MTYwMThkSNTQxMCwiaXNzIjoiaHR0cHM6Ly9tYS13ZXUtdmF0LXN0YXd1LW1kZW50aXR5Lm1p1M2M3YWNiN2FkZmU1YmJiNGRmOGZmYTcwIiwiaWY2xpZW50X3VzZXJpZCI6ImQyN0Y0ZTgxLTVmODgtNGVhYS05MDZjLTViYzR0NzcxNzYxNjAxOTkxODEwLW1kZmU1YmJiN0Y5Q0IiwiaWF0IjE1Y29wZSI6IjBhYXVnRmYXh0b1I119.D-JzFVCtzYdIH86joH-Q11Q0k7-x_aseunGvQ9hkjYwLQ_VpzTQ_zXJB-H-_1xTZy8_7gvs2-MmJjb8ueWmHBSAmZcery1DwUbnT0_xU1IlyIo1NmPd8Q-SG1s5X6MVCNkF0ABSV9sn-qv_291rCj4uZwsCK0czF-1lqUH9VqE7Qr02HAggyoZ8a9a2brUqBS5-JGJorUiT6U2",
3   "expires_in": 3600,
4   "token_type": "Bearer",
5   "scope": "import_api"
6 }

```

Step 4: Authenticate API requests with the bearer token

Note: The Authorization header below, the type of token; in this case, Bearer prefixes the actual token value.



GET <https://public-api.mintecanalytics.com/v2/export/series/mintec/bcrd> Params Send Save

Authorization Headers (1) Body Pre-request Script Tests Code

Key	Value	Description
☒ Authorization	Bearer eyJhbGciOiJSUzI1NiIsImtpZCI6Ijg3NTUzN0Y5Q0lwRjNDQUQzODVEOUQzQjRBNjV...	
New key	Value	Description

Body Cookies Headers (7) Test Results Status: 200 OK Time: 9875 ms

Pretty Raw Preview JSON

```

1 {
2   "content": {
3     "seriesCode": "BCRD",
4     "seriesName": "Crude oil Brent ICE EU",
5     "seriesDescription": "Crude petroleum oil|specification: current pipeline|export quality Brent blend|as supplied at Sullom Voe|Intercontinental Exchange (ICE); EU|density: 0.8399 [futures]",
6     "currencyName": "US Dollar",
7     "unitName": "Barrel",
8     "frequencyName": "Daily",
9     "countryOfOriginName": "None",
10    "countryOfDeliveryName": "Great Britain",
11    "originType": 0,
12    "points": []
13  },
14  "code": 1,
15  "messages": []
16 }

```

Methods

- [Get list of currencies](#)
- [Get list of frequencies](#)
- [Get list of units](#)
- [Get single series metadata](#)
- [Get single series points](#)
- [Get multiple series metadata](#)
- [Get multiple series points](#)
- [Get all series metadata in your subscription](#)
- [Get single futures series contracts](#)
- [Get multiple futures contracts](#)

Currencies request: Get list of currencies

GET: <https://public-api.mintecanalytics.com/v2/currencies>

Returns a list of supported currencies

Example data for response

```
{
  "content": [
    {
      "id": 1,
      "name": "US Dollar",
      "abbr": "USD"
    },
    {
      "id": 3,
      "name": "British Pound",
      "abbr": "GBP"
    }
  ],
}
```

Content-Type: application/json

Refer to the [Error Codes](#) section for standard response codes and statuses for every request.

Frequencies request: Get list of frequencies

GET: <https://public-api.mintecanalytics.com/v2/frequencies>

Returns a list of supported frequencies

Example data for response

```
"content": [
  {
    "id": 2,
    "name": "Daily"
  }
]
```

```
},  
{  
  "id": 3,  
  "name": "Weekly"  
},
```

Content-Type: application/json

Refer to the [Error Codes](#) section for standard response codes and statuses for every request.

Units request: Get the list of units

GET: <https://public-api.mintecanalytics.com/v2/units>

Returns a list of supported units

Example data for response

```
{  
  "content": [  
    {  
      "id": 1,  
      "name": "Metric Tonne",  
      "abbr": "MT"  
    },  
    {  
      "id": 21,  
      "name": "Kilogram",  
      "abbr": "kg"  
    },  
  ],  
}
```

Content-Type: application/json

Refer to the [Error Codes](#) section for standard response codes and statuses for every request.

Single series metadata request

GET: <https://public-api.mintecanalytics.com/v2/export/series/{seriesType}/{seriesCode}>

Return a list of available series metadata information (**series information**)

Path parameters

seriesType (required)

Path parameter – Type of the series to retrieve. Available values: mintec, customised, imported, cost model, shared.

Query parameters

seriesType (required)

Query parameter – Type of the series to retrieve

PageIndex

Query parameter — {Pagination} Enter a number (0, 1, 2, ...) to specify the page to show if the result has multiple pages. If not supplied, then default to 0

PageSize

Query parameter - {Pagination} Enter a number to specify the number of records returned per page. If not supplied, then default to 1000.

Example data

<https://public-api.mintecanalytics.com/v2/export/series/mintec/bcrd>

response

```
{
  "content": {
    "seriesCode": "BCRD",
    "seriesName": "Crude oil Brent ICE EU",
    "seriesDescription": "Crude petroleum oil|specification: current pipeline|export quality Brent blend|as supplied at Sullom Voe|Intercontinental Exchange (ICE); EU|density: 0.8399 [futures]",
    "currencyName": "US Dollar",
    "unitName": "Barrel",
    "frequencyName": "Daily",
    "countryOfOriginName": "None",
    "countryOfDeliveryName": "Great Britain",
    "originType": 0,
    "points": []
  },
  "code": 1,
  "messages": []
}
```

Content-Type: application/json

Refer to the [Error Codes](#) section for standard response codes and statuses for every request.

Single series points request

GET: <https://public-api.mintecanalytics.com/v2/export/series/{seriesType}/{seriesCode}/points>

Returns data points for a single series

Path parameters

seriesType (required)

Path parameter – Type of the series to retrieve.

Available values: mintec, customised, imported, cost model, shared.

seriesCode (required)

Path parameter — Series code of the series to retrieve. Should form part of the URL

Query parameters

startDate (required)

Query parameter — Data range start date of format DD/MM/YYYY, if the date does not conform, the results may be unexpected. Format: date

endDate (required)

Query parameter — Data range end date of format DD/MM/YYYY, if the date does not conform, the results may be unexpected. Format: date

FrequencyId (optional)

Query parameter — Frequency code to return the series in. Refer to values from GET/v2/frequencies method. If not supplied, then the Daily frequency should be returned. Format: int32

CurrencyId (optional)

Query parameter — Currency code to return the series in. Refer to values from GET/v2/currencies method. If not supplied, then the native currency should be returned. Format: int32

UnitId (optional)

Query parameter — Unit code to return the series in. Refer to values from GET/v2/units method. If not supplied, the native unit should be returned. Format: int32

gapFillOption (optional)

Query parameter — Code to indicate how missing data should be represented: 0 = return null values, 1 = return zero values, 2 = return a constant value defined by the gapFillValue, 3 = return the last known data point value. If not supplied, the default option is 3. Format: int32

gapFillValue (optional)

Query parameter — Double value that will be returned. If not supplied, then return 0. format: double

HasPriceIndex (optional)

Query parameter - Boolean value (true, false) that will enable price index. If not supplied, the default option is false.

IndexPrice

Query parameter - {If HasPriceIndex = true} Double value, which will be used for the index starting point with respect to the corresponding index date. If not supplied, then the result may be unexpected.

IndexDate

Query parameter - {If HasPriceIndex = true} Date of the index to set on the series of format DD/MM/YYYY; if the date does not conform to this, the results may be unexpected

catMetadata

Query parameter - Boolean value (true, false) that will return the category and subCategory of the series. If not supplied, the default option is false.

DH

Query parameter — A number to set the Delivery Horizons of futures series from 0 to 12m; if not supplied, the default option is 0.

Contract

Query parameter - A contract date to set the contract of future series in the format of MM/YYYY; if not supplied, the default option is blank.

Example data

<https://public-api.mintecanalytics.com/v2/export/series/mintec/sfor/points>

```
{
  "content": {
    "seriesCode": "SFOR",
    "seriesName": "Sunflower oil fob NW Eur",
    "seriesDescription": "Sunflower oil|crude|physical spot & forward prices|free on board|six ports; North West Europe|",
    "currencyName": "US Dollar",
    "unitName": "Metric Tonne",
    "frequencyName": "Daily",
    "countryOfOriginName": "None",
    "countryOfDeliveryName": "European Union",
```

```
"originType": 0,
"points": [
  {
    "date": "01/01/2019",
    "value": 675
  },
  {
    "date": "02/01/2019",
    "value": 675
  },
  {
    "date": "03/01/2019",
    "value": 675
  },
]
```

Content-Type: application/json

To retrieve metadata about points for the mintec series code 0C29, the request URL would be formed as below.

<https://public-api.mintecanalytics.com/v2/export/series/mintec/0C29>

Refer to the [Error Codes](#) section for standard response codes and statuses for every request.

Multiple series metadata request

POST: <https://public-api.mintecanalytics.com/v2/export/series/{seriesType}>

Path parameters

seriesType (required)

Path parameter – Type of the series to retrieve. Available values: mintec, customised, imported, cost model, shared.

Query parameters

seriesType (required)

Query parameter – Type of the series to retrieve.

seriesCode (required)

Query Parameter — Codes of the series to retrieve

Example data

<https://public-api.mintecanalytics.com/v2/export/series/mintec>

```
[
  "BCRD",
  "CFAB",
  "GBP"
]
```

```
{
  "content": [
    {
```

```

    "seriesCode": "BCRD",
    "seriesName": "Crude oil Brent ICE EU",
    "seriesDescription": "Crude petroleum oil|specification: current pipeline|export quality Brent blend|as supplied at Sullom Voe|Intercontinental Exchange (ICE); EU|density: 0.8399 [futures]",
    "currencyName": "US Dollar",
    "unitName": "Barrel",
    "frequencyName": "Daily",
    "countryOfOriginName": "None",
    "countryOfDeliveryName": "Great Britain",
    "originType": 0,
    "points": []
  },
  {
    "seriesCode": "CFAB",
    "seriesName": "Coffee arabica BM&F BR",
    "seriesDescription": "Coffee arabica (raw coffee beans)|type 4/5|hard drink or better|delivered to Sao Paulo (Brazil)|Brazilian Mercantile & Futures Exchange (BM&F)|[futures]",
    "currencyName": "US Dollar",
    "unitName": "Kilogram",
    "frequencyName": "Daily",
    "countryOfOriginName": "None",
    "countryOfDeliveryName": "Brazil",
    "originType": 0,
    "points": []
  },
  {
    "seriesCode": "GBP",
    "seriesName": "British Pound",
    "seriesDescription": "UK Pound| | | |",
    "currencyName": "US Dollar",
    "unitName": "No Unit",
    "frequencyName": "Daily",
    "countryOfOriginName": "None",
    "countryOfDeliveryName": "None",
    "originType": 0,
    "points": []
  }
],
"code": 1,
"messages": []
}

```

Content-Type: application/json

Refer to the [Error Codes](#) section for standard response codes and statuses for every request.

Multiple series points request

POST: <https://public-api.mintecanalytics.com/v2/export/series/{seriesType}/points>

Returns data points for multiple series

Path parameters

seriesType (required)

Path parameter – Type of the series to retrieve. Available values: mintec, customised, imported, costmodel, shared.

Query parameters

Refer here for more details

Examples

Example 1: POST <https://public-api.mintecanalytics.com/v2/export/series/mintec/points>

The request body contains the series codes and a start and end date to retrieve the points.

NOTE: Data range format DD/MM/YYYY, if the date does not conform to this, the results may be unexpected.

```
{
  "seriesCodes":
  [
    "CFAB",
    "WHTC"],
  "startDate": "01/01/2018",
  "endDate": "01/01/2019"
}
```

Example 2: Get points data for two series, with currency and unit conversion (use the currencies and units requests to get a list of available options. See [Currencies](#) and [Units](#).

```
{
  "seriesCodes":
  [
    "CFAB",
    "WHTC"
  ],
  "startDate": "01/01/2018",
  "endDate": "01/01/2019",
  "unitId": 1,
  "currencyId": 1,
  "frequencyId": 3
}
```

Example 3: Get points data for two series, perform currency, unit, and frequency conversion with gap fill options and return as an index based

```
{
  "seriesCodes": [
    "CFAB",
    "WHTC"
  ],
  "startDate": "01/01/2018",
  "endDate": "01/01/2019",
  "unitId": 1,
  "currencyId": 1,
  "frequencyId": 3,
  "gapFillOption": 2,
  "gapFillValue": "50",
  "hasPriceIndex": true,
  "indexPrice": 100,
  "indexDate": "03/01/2018"
}
```

This API call consumes the following media types via the Content-Type request header:

- application/json
- application/x-www-form-urlencoded

Refer to the [Error Codes](#) section for standard response codes and statuses for every request.

List all available series information request

GET: <https://public-api.mintecanalytics.com/v2/export/series/{seriesType}>

Return a list of all series metadata information in your subscription

Path parameters

seriesType (required)

Path parameter – Type of the series to retrieve. Available values: mintec, customised, imported, costmodel, shared.

Query parameters

seriesType (required)

Query parameter – Type of the series to retrieve

PageIndex

Query parameter — {Pagination} Enter a number (0, 1, 2, ...) to specify the page to show if the result has multiple pages. If not supplied, then default to 0

PageSize

Query parameter - {Pagination} Enter a number to specify the number of records returned per page. If not supplied, then default to 1000.

catMetadata

Query Parameter - Boolean value (true, false) that will return the category and subCategory of the series. If not supplied, the default option is false.

Example data

GET <https://public-api.mintecanalytics.com/v2/export/series/mintec>

```
{
  "seriesCode": "2PF8",
  "seriesName": "Pig hog 1vwt DCE Dailan fot CN",
  "seriesDescription": "Hog|liveweight|free on truck|Dalian Commodity Exchange|China|[futures]",
  "currencyName": "Chinese Yuan",
  "unitName": "Metric Tonne",
  "frequencyName": "Daily",
  "countryOfOriginName": null,
  "countryOfDeliveryName": "China",
  "originType": 0,
  "points": []
},
{
  "seriesCode": "2Q01",
  "seriesName": "Beech (AT) exp EU",
  "seriesDescription": "Beech; sawn or chipped; sliced or peeled|sanded or end jointed; thickness more than 6mm|origin: Austria|calculated export price|destination: European Union|",
  "currencyName": "European Euro",
  "unitName": "100 Kilograms",
  "frequencyName": "Monthly",
  "countryOfOriginName": "Austria",
  "countryOfDeliveryName": "EU",
  "originType": 0,
  "points": []
}
],
"totalItems": 15098
},
"code": 1,
"messages": []
}
```

Refer to the [Error Codes](#) section for standard response codes and statuses for every request.

List all available contracts for single futures series

GET: <https://public-api.mintecanalytics.com/v2/export/series/{seriesType}/{seriesCode}/Contract>

Return a list of contracts for the requested futures series. By default, the system will return the contracts within 2 years from today if the date range is not provided.

Path parameters

seriesType (required)

Path parameter – Type of the series to retrieve. Available values: mintec

seriesCode (required)

Path Parameter — Series code of the series to retrieve. Should form part of the URL

Query parameters**startDate (Optional)**

Query parameter — Data range start date of format DD/MM/YYYY, if the date does not conform the results may be unexpected.

endDate (Optional)

Query Parameter - End date of format DD/MM/YYYY, if the date does not conform the results may be unexpected.

Example data

GET <https://public-api.mintecanalytics.com/v2/export/series/mintec/SFOR/contract>

```
{
  "content": {
    "seriesCode": "SFOR",
    "contracts": [
      {
        "value": "01/2021"
      },
      {
        "value": "02/2021"
      },
      {
        "value": "03/2021"
      },
      {
        "value": "04/2021"
      },
      {
        "value": "05/2021"
      }
    ]
  },
  "code": 1,
  "messages": []
}
```

Refer to the [Error Codes](#) section for standard response codes and statuses for every request.

Contract request for multiple futures series

POST: <https://public-api.mintecanalytics.com/v2/export/series/{seriesType}/Contract>

Return a list of contracts for the requested futures series. By default, the system will return the contracts within 2 years from today if the date range is not provided.

Path parameters**seriesType (required)**

Path parameter – Type of the series to retrieve. Available values: mintec

Query parameters**seriesCode (required)**

Query parameter — Series codes of the futures series to retrieve

startDate (Optional) — start date to retrieve contract list

Query parameter — Data range start date of format DD/MM/YYYY, if the date does not conform, the results may be unexpected.

endDate (Optional) — end date to retrieve contract list

Query parameter - End date of format DD/MM/YYYY, if the date does not conform, the results may be unexpected.

Example data

POST <https://public-api.mintecanalytics.com/v2/export/series/mintec/contract>

```
[  
  "BCRD",  
  "WHT2",  
  "CPOR",  
  "SFOR",  
]
```

```
{  
  "content": [  
    {  
      "seriesCode": "BCRD",  
      "contracts": [  
        {  
          "value": "01/2023"  
        },  
        {  
          "value": "02/2023"  
        },  
        {  
          "value": "03/2023"  
        },  
        {  
          "value": "04/2023"  
        },  
        {  
          "value": "05/2023"  
        },  
        {  
          "value": "06/2023"  
        },  
        {  
          "value": "07/2023"  
        },  
        {  
          "value": "08/2023"  
        }  
      ]  
    },  
    {  
      "seriesCode": "WHT2",  
      "contracts": [  
        {  
          "value": "03/2023"  
        },  
        {  
          "value": "05/2023"  
        }  
      ]  
    }  
  ]  
}
```

```

    "value": "09/2023"
  },
  {
    "value": "12/2023"
  },
  {
    "value": "03/2024"
  },
  {
    "value": "05/2024"
  },
  {
    "value": "09/2024"
  }
]
},
{
  "seriesCode": "CPOR",
  "contracts": [
    {
      "value": "04/2023"
    },
    {
      "value": "01/2023"
    },
    {
      "value": "05/2023"
    },
    {
      "value": "06/2023"
    },
    {
      "value": "08/2023"
    },
    {
      "value": "09/2023"
    },
    {
      "value": "07/2023"
    },
    {
      "value": "02/2023"
    },
    {
      "value": "03/2023"
    },
    {
      "value": "10/2023"
    },
    {
      "value": "11/2023"
    },
    {
      "value": "12/2023"
    }
  ]
},
{
  "seriesCode": "SFOR",
  "contracts": [
    {
      "value": "04/2023"
    }
  ]
}

```

```

    },
    {
      "value": "01/2023"
    },
    {
      "value": "02/2023"
    },
    {
      "value": "06/2023"
    },
    {
      "value": "03/2023"
    },
    {
      "value": "05/2023"
    },
    {
      "value": "07/2023"
    },
    {
      "value": "08/2023"
    },
    {
      "value": "09/2023"
    },
    {
      "value": "11/2023"
    },
    {
      "value": "10/2023"
    },
    {
      "value": "12/2023"
    }
  ]
},
"code": 1,
"messages": []
}

```

Error Codes

The API attempts to return the appropriate HTTP status code for every request

Code	Text	Description
200	OK	Success.
400	Bad Request	The request was invalid or cannot be otherwise served.
401	Unauthorized	Authentication credentials were missing or incorrect.
403	Forbidden	The request is understood, but it has been refused or access is not allowed.
404	Not Found	The URI requested is invalid or the resource requested.
429	Too Many Requests	Returned when a request cannot be served due to the application's rate limit having been exhausted for the resource.
500, 501, 502 etc	Internal Server Error	Something is broken. Please contact Mintec Support so the Mintec team can investigate.

Points to remember

- Use the appropriate Content-Type header.
- To utilise currency, frequency and unit conversion capabilities, the id will need to be provided. A list of these IDs and their properties can be retrieved using the currencies, frequencies and units requests as mentioned above in the document.
- The list of all series responses is paginated, set to 1000 records/page.
- You can request up to 100 series in a single request (POST) with points data; there is no paging on these results.

Forecast API

The Forecast API service will allow you to download the forecast data points as targets and interpolated points between the targets to optimise integration and automation. This API uses the existing scope (export API). You will need to provide **seriesType= Forecast** to request forecast data if using Swagger for API requests; see the examples below. Please note that frequency, unit, and currency parameters are not supported, so these conversion requests, if supplied, will be ignored. All other methods operate in a similar manner to their non-forecast series equivalents.

The new service **Algorithmic Forecast API** is also available on top of the existing Forecast API offerings to allow the download of algorithmic forecasts. Interpolated points between the targets and the statistical similarity score can also be downloaded via API. The Statistical Similarity score indicates how strongly the algorithmic forecast correlates with the parent core forecast.

Please contact Support for more details.

Methods

- **Get all series metadata in your subscription:** return metadata for all forecast series (core + algorithmic) in one request
- **Get single series metadata:** returns series metadata for single forecast series
- **Get single series points:** returns forecast target points & interpolated points between targets in native currency
- **Multiple series metadata:** returns requested forecast series metadata for multiple series
- **Multiple series points:** returns requested forecast series points & interpolated points between targets for multiple series
- **Get targets for single series:** returns targets for requested forecast series
- **Get targets for multiple series:** returns targets for multiple forecast series

Get all series metadata in your subscription

To get a list of all the algo forecast series available to your subscription

GET: <https://public-api.mintecanalytics.com/v2/export/series/forecast>

You can control the paging and additional category metadata using the same parameters documented under [List all available series information](#)

Example Response:

```
{
  "content": {
    "items": [
      {
```

```

        "seriesCode": "1K01",
        "seriesName": "Steel HRC dom exw N Eur",
        "seriesDescription": "Steel hot rolled (HR) coil|domestic....",
        "currencyName": "European Euro",
        "unitName": "Metric Tonne",
        "frequencyName": "Weekly",
        "countryOfOriginName": null,
        "countryOfDeliveryName": "North Europe",
        "originType": 5,
        "category": "Steel",
        "subCategory": "Hot Rolled Coil EU",
        "points": null
    },
    {
        "seriesCode": "1K02",
        "seriesName": "Steel CRC dom exw N Eur",
        "seriesDescription": "Steel cold rolled (CR) coil|.....",
        "currencyName": "European Euro",
        "unitName": "Metric Tonne",
        "frequencyName": "Weekly",
        "countryOfOriginName": null,
        "countryOfDeliveryName": "North Europe",
        "originType": 5,
        "category": "Steel",
        "subCategory": "Cold Rolled Coil",
        "points": null
    }
],
"totalItems": 66
},
"code": 1,
"messages": []
}

```

Get single series metadata

To get an individual forecast series available to your subscription, append the series code to the path.

Example

GET: <https://public-api.mintecanalytics.com/v2/export/series/forecast/BCRD>

Response

```
{
```

```

"content": {
  "seriesCode": "BCRD",
  "seriesName": "Crude oil Brent ICE EU",
  "seriesDescription": "Crude petroleum oil|specification: current pipeline|export quality Brent blend|as supplied at Sullom Voe|Intercontinental Exchange (ICE); EU|density: 0.8399 [futures]",
  "currencyName": "US Dollar",
  "unitName": "Barrel",
  "frequencyName": "Daily",
  "countryOfOriginName": "None",
  "countryOfDeliveryName": "EU",
  "originType": 5,
  "category": "Energy & Transport",
  "subCategory": "Crude Oil",
  "seriesType": "Futures",
  "statisticalSimilarity": null,
  "points": []
},
"code": 1,
"messages": []
}

```

Content-Type: application/json

Refer to the [Error Codes](#) section for standard response codes and statuses for every request.

Get single forecast series points

To get target and interpolated points between targets for a single forecast series

GET: <https://public-api.mintecanalytics.com/v2/export/series/forecast/BCRD/points?>

Path parameters

seriesType (required)

Path parameter – Type of the series to retrieve, e.g. Forecast

seriesCode (required)

Path parameter — Series code of the series to retrieve. Should form part of the URL

Query parameters

startDate (required)

Query parameter — Data range start date of format DD/MM/YYYY, if the date does not conform, the results may be unexpected. Format: date

endDate (required)

Query parameter — Data range end date of format DD/MM/YYYY, if the date does not conform, the results may be unexpected. Format: date

seriesType (optional)

Query parameter — Boolean value (true, false). Return series type of the series. If not supplied, the default option is false.

Example Response:

```

{
  "content": {

```

```

"seriesCode": "BCRD",
"seriesName": "Crude oil Brent ICE EU",
"seriesDescription": "Crude petroleum oil|specification: current pipeline|export quality Brent blend|as supplied at Sullom Voe|Intercontinental Exchange (ICE); EU|density: 0.8399 [futures]",
"currencyName": "US Dollar",
"unitName": "Barrel",
"frequencyName": "Daily",
"countryOfOriginName": "None",
"countryOfDeliveryName": "EU",
"originType": 5,
"statisticalSimilarity": null,
"points": [
  {
    "date": "05/06/2023",
    "value": 75.45
  },
  {
    "date": "06/06/2023",
    "value": 74.77
  },
  {
    "date": "07/06/2023",
    "value": 74.09
  },
  {
    "date": "08/06/2023",
    "value": 73.41
  },
]

```

Content-Type: application/json

Refer to the [Error Codes](#) section for standard response codes and statuses for every request.

Multiple forecast series points

To get multiple series forecast data points (target & interpolated points between targets) for the given date range. The optional catMetadata parameter has been supplied to include the additional top-level category and commodity taxonomy information.

Example

POST: <https://public-api.mintecanalytics.com/v2/export/series/forecast/points?catMetadata=true&seriesType=true>

Request Body

```

{
  "seriesCodes": [
    "WHTC",
    "WHT2",
  ],
  "startDate": "01/01/2023",
  "endDate": "01/12/2025"
}

```

```
}
```

Response

```
{
  "content": [
    {
      "seriesCode": "OPL8",
      "seriesName": "Natural gas TTF spot NL",
      "seriesDescription": "Natural gas|TTF (Title Transfer Facility)|day-ahead and weekend
|spot price|Netherlands|",
      "currencyName": "European Euro",
      "unitName": "Megawatt hour",
      "frequencyName": "Daily",
      "countryOfOriginName": "None",
      "countryOfDeliveryName": "Netherlands",
      "originType": 5,
      "category": "Energy & Transport",
      "subCategory": "Natural Gas",
      "seriesType": "Spot",
      "statisticalSimilarity": null,
      "points": [
        {
          "date": "15/06/2023",
          "value": 40.29
        },
        {
          "date": "14/12/2023",
          "value": 156.31
        },
        {
          "date": "15/12/2023",
          "value": 156.62
        }
      ]
    },
    {
      "seriesCode": "WHT2",
      "seriesName": "Wheat milling Euronext Paris",
      "seriesDescription": "Milling wheat|origin:any|of sound fair and merchantable quality
|Euronext Paris; France|[[futures]]",
      "currencyName": "European Euro",
      "unitName": "Metric Tonne",
      "frequencyName": "Daily",
      "countryOfOriginName": "None",
      "countryOfDeliveryName": "Europe",
      "originType": 5,
      "category": "Grains & Oilseeds",
      "subCategory": "Wheat",
      "seriesType": "Futures",
      "statisticalSimilarity": null,
      "points": [
        {
          "date": "05/06/2023",
          "value": 228.18
        },
        {
          "date": "06/06/2023",
          "value": 232.36
        }
      ]
    }
  ]
}
```

```
{
  "date": "07/06/2023",
  "value": 236.55
},
{
  "date": "08/06/2023",
  "value": 240.73
},
{
  "date": "09/06/2023",
  "value": 244.91
},
{
  "date": "12/06/2023",
  "value": 249.09
},
}
```

If there is no available data for the requested data range, the response will indicate this; see the example below.

```
"messages": [
  {
    "key": "2055",
    "message": "No data available for the provided date range in series: 2055"
  }
]
```

Get target for single forecast series

To get target for single forecast series

GET: <https://public-api.mintecanalytics.com/v2/export/series/forecast/CPOR/targets>

Example Response:

```
{
  "content": {
    "seriesCode": "CPOR",
    "seriesName": "Palm oil crude cif R'dam (MBP)",
    "seriesDescription": "Crude palm oil|5% max FFA at time of shipment|5% basis at time of arrival with 1:1 reciprocal allowance|quantity 500mt|cost; insurance; freight; Rotterdam|Mintec Benchmark Prices (MBP)",
    "currencyName": "US Dollar",
    "unitName": "Metric Tonne",
    "frequencyName": "Daily",
    "countryOfOriginName": "None",
    "countryOfDeliveryName": "EU",
    "originType": 5,
    "category": "Grains & Oilseeds",
    "subCategory": "Palm Oil",
    "seriesType": "Futures",
    "statisticalSimilarity": 81.5,
    "points": [
      {
        "date": "30/06/2023",
```

```

    "value": 900.29
  },
  {
    "date": "31/07/2023",
    "value": 1142
  },
  {
    "date": "30/11/2023",
    "value": 708.86
  },
  {
    "date": "01/04/2024",
    "value": 825.64
  },
  {
    "date": "01/07/2024",
    "value": 570.43
  }
]
},
"code": 1,
"messages": []
}

```

Targets for multiple series

To get multiple series forecast data points within the given date range. The optional catMetadata parameter has been supplied to include the additional top-level category and commodity taxonomy information.

Example

POST: <https://public-api.mintecanalytics.com/v2/export/series/forecast/points?catMetadata=true>

Request Body

Response

```

{
  "content": [
    {
      "seriesCode": "CP01",
      "seriesName": "Palm oil crude BMD K' Lumpur MY",
      "seriesDescription": "Palm oil|delivered in bulk; be of merchantable quality|maximum 0.25% moisture and impurities|unbleached|Bursa Malaysia Derivative Exchange (BMD); KL Malaysia|futures]",
      "currencyName": "Malaysian Ringgit",
      "unitName": "Metric Tonne",
      "frequencyName": "Daily",
      "countryOfOriginName": "None",
      "countryOfDeliveryName": "Malaysia",
      "originType": 5,
      "statisticalSimilarity": null,
      "points": [
        {
          "date": "30/06/2023",

```

```

        "value": 3200
      },
      {
        "date": "30/07/2023",
        "value": 4300
      },
      {
        "date": "30/11/2023",
        "value": 2500
      }
    ]
  },
  {
    "seriesCode": "CPOR",
    "seriesName": "Palm oil crude cif R'dam (MBP)",
    "seriesDescription": "Crude palm oil|5% max FFA at time of shipment|5% basis at time of arrival with 1:1 reciprocal allowance|quantity 500mt|cost; insurance; freight; Rotterdam |Mintec Benchmark Prices (MBP)",
    "currencyName": "US Dollar",
    "unitName": "Metric Tonne",
    "frequencyName": "Daily",
    "countryOfOriginName": "None",
    "countryOfDeliveryName": "EU",
    "originType": 5,
    "statisticalSimilarity": 81.5,
    "points": [
      {
        "date": "30/06/2023",
        "value": 900.29
      },
      {
        "date": "31/07/2023",
        "value": 1142
      },
      {
        "date": "30/11/2023",
        "value": 708.86
      }
    ]
  }
],
"code": 1,
"messages": []
}

```

Response headers

If there is no available data for the requested data range, the response will indicate this; see the example below.

```

"messages": [
  {
    "key": "BCRD",
    "message": "No data available for the provided date range in series: BCRD"
  }
]

```

],