Anchor visibility Article preprod

Overview

ISO 15143-3 API provides general information for tracking assets, understanding their usage, and planning how to manage those assets. The API is based on ISO-15143 (AEMP 2.0) specification to allow customers to easily connect to Caterpillar data without having to perform custom coding for their end system. This API is mainly consumed by dealers and customers. Typical use cases for these APIs are bulk data consumption (Timeseries) and real time data (snapshot).

Current Functionality

The API includes following endpoints.

ISO 15143-3 (AEMP 2.0) API endpoints:

- Fleet Snapshot
- Equipment Snapshot
- Timeseries-Fault Code

NextGen ISO 15143-3 (AEMP 2.0) API endpoints:

- Timeseries-Location
- Timeseries-Switch Status
- Timeseries-Cumulative Operating Hours
- Timeseries-Cumulative Idle Operating Hours
- Timeseries-Cumulative Fuel Used
- Timeseries-Engine Condition
- Timeseries-Fuel Remaining Ratio

AEMP 2.0 Subset Element Groups:

- Asset (make, model, serial number)
- Location (Latitude/Longitude)
- Address (ChinaCoordinateId/Address)
- Cumulative Operating hours, Idle hours
- Cumulative Fuel Used
- Cumulative Fuel Used last 24 hours
- Odometer & Engine status
- Fuel/DEF Remaining Ratio
- Cumulative Load count, Payload totals
- Snapshot Time (UTC)
- Fault Code Identifier, Description, Severity
- Air Temperature

- Temperature Unit
- Fault Code Source, Reported date and time

Subscribing to the API

To access the API, you must first request a subscription:

- Fill out the API Subscription Request Form.
- The form will open in a new window without closing this page.
- You may be asked to login to the Digital Marketplace again before completing the form.
- After completing your subscription, you may close the subscription window to return to this page.
- You will receive an email with your credentials when your subscription is approved. This process may take approximately two (2) weeks.

Security

The API uses the OAuth 2.0 protocol for authorization. In order to access the API, an OAuth access token is required in the request headers of each API call. A valid OAuth client ID and client secret is required to obtain an OAuth access token.

The following basic information is required to authenticate and generate the token.

Field	Value
Grant Type	Set this to "client_credentials".
Token URL	https://fedlogin.cat.com/as/token.oauth2
Client ID	Your application's Client ID. Contact your credentials owner.
Client Secret	Your application's Client Secret. Contact your credentials owner.

An OAuth token expires after 60 minutes. An expired token will need to be replaced with a new token.

Additional OAuth information can be found in <u>Caterpillar OAuth 2.0 Documentation</u>.

"Duplicate" Values

This data is coming in pages for easier and more reliable transfer. However, especially in very large datasets, you may see duplicate entries in the data returned by the API. This happens because the data is "in-flight" - that is, the data you had asked for was altered in the middle of you receiving data.

Here's an example: You have 10 pages of data, and you have called 3 times to get 3 pages of data.

Let's assume there is an entry at the very end of page 3. If a new entry is added to the database, and it would have appeared on page 1 under the order by and sort by constraints of your query, several things occur:

- 1. You won't see the new entry (at least until you make another query). Its position is on a page that you've already called for.
- 2. The entry that used to be on the very end of page 3 would have been bumped forward in the order by one. Since it was on the boundary of a page, that means it will appear again on page 4.

These sorts of issues are common with APIs, particularly ones that deal with large datasets. Please be aware of this, and set your systems to account for these duplicate records appropriately.

Request Limits

The ISO15143-3 API limits the number of requests that you can make with a single client ID. If you exceed the usage limits, the API returns the 429 response codes, for example:

```
{
  "code": "429.002",
  "description": "Quota rate limit exceeded."
}
```

The following limits apply:

- Daily quota of 50,000 requests per client ID per day shared between the endpoints of the API. That
 means you could use all 50,000 calls on Fleet Snapshot. In another scenario, you could also make
 20,000 calls to Fleet Snapshot, 20,000 calls to Equipment Snapshot, and 10,000 to Timeseries
 endpoints. The request limit resets at 12:00am GMT.
- A throttling limit of 10 calls per second per client ID. Caterpillar recommends that the users do not exceed 7-8 calls per second.

API Environments

The API is only available in production environment.

Use this URL to access the APIs: https://services.cat.com/telematics/iso15143/

API Reference Information

Detailed reference information about the API input parameters, requested bodies, responses, and error messages can be found in the following OpenAPI specifications:

- ISO 15143-3 (AEMP 2.0) https://digital.cat.com/apis/api-list/prod/iso15143-aemp-20
- NextGen ISO15143 (AEMP 2.0) https://digital.cat.com/apis/api-list/prod/nextgen-iso15143-aemp-20

Workflow Overview

The API provides the following endpoints for Caterpillar-to-dealer data transfer:

- GET /{pageNumber} This endpoint provides a snapshot view of the fleet.
- GET /equipment/makeModelSerial/{make}/{model}/{serialNumber} This endpoint provides the same data as the fleet snapshot endpoint but is limited to a single piece of equipment. A snapshot is a single point in time. Time-series data, such as fault codes and switch status, are not included in the snapshot view.
- GET

/equipment/makeModelSerial/{make}/{model}/{serialNumber}/faults/{startDateUTC}/{endDateUTC}/{pageNumber} - This endpoint returns individual asset fault code timeseries data for a rolling 14-day period. The data includes all fault codes (with as fault code ID, description, severity) recorded within the specified time range for the specified asset, along with the timestamp (UTC) when it was created. The input timestamps (start and end) should be within 14-day time range. Data availability depends on machine support and commercial subscription. Diagnostic codes from the OEM can be used to alert the asset owner to the need for machine maintemance service.

- GET
 /equipment/makeModelSerial/{make}/{model}/{serialNumber}/locations/{startDateUTC}/{e
 ndDateUTC}/{pageNumber} This endpoint returns the location details in addition to the recorded
 time(UTC) of a given asset and the time range. The data can be requested for up to 14 days in the
 past. Data availability is dependent on machine support and commercial subscription.
- GET
 /equipment/makeModelSerial/{make}/{model}/{serialNumber}/switchStatus/{startDateUTC}
 /{endDateUTC}/{pageNumber} This endpoint returns the switch status details in addition to the
 recorded time(UTC) of a given asset and the time range. The data can be requested for up to 14
 days in the past. Data availability is dependent on machine support and commercial subscription.
- GET
 /equipment/makeModelSerial/{make}/{model}/{serialNumber}/cumulativeOperatingHours/{s
 tartDateUTC}/{endDateUTC}/{pageNumber} This endpoint returns the cumulative operating hours
 details in addition to the recorded time(UTC) of a given asset and the time range. The data can be
 requested for up to 14 days in the past. Data availability is dependent on machine support and
 commercial subscription.
- GET
 /equipment/makeModelSerial/{make}/{model}/{serialNumber}/cumulativeIdleHours/{startD}
 ateUTC}/{endDateUTC}/{pageNumber} This endpoint returns the cumulative idle hours details in
 addition to the recorded time(UTC) of a given asset and the time range. The data can be requested
 for up to 14 days in the past. Data availability is dependent on machine support and commercial
 subscription.
- GET
 /equipment/makeModelSerial/{make}/{model}/{serialNumber}/cumulativeFuelUsed/{startDateUTC}/{endDateUTC}/{pageNumber} This endpoint returns the fuel used details in addition to the

recorded time(UTC) of a given asset and the time range. The data can be requested for up to 14 days in the past. Data availability is dependent on machine support and commercial subscription.

GET

/equipment/makeModelSerial/{make}/{model}/{serialNumber}/engineCondition/{startDateUTC}/{endDateUTC}/{pageNumber} - This endpoint returns the engine condition details in addition to the recorded time(UTC) of a given asset and the time range. The data can be requested for up to 14 days in the past. Data availability is dependent on machine support and commercial subscription.

GET

/equipment/makeModelSerial/{make}/{model}/{serialNumber}/fuelRemainingRatio/{startDateUTC}/{endDateUTC}/{pageNumber} - This endpoint returns the fuel remaining ratio details in addition to the recorded time(UTC) of a given asset and the time range. The data can be requested for up to 14 days in the past. Data availability is dependent on machine support and commercial subscription.

Fleet Snapshot

To get a snapshot of the fleet data, use the GET /{pageNumber} endpoint.

- The pageNumber path parameter is required. First request must use 1 as page number. If there is
 more than one page of results, the next page number can be found in the Links-element of the
 response. For more information, see <u>Pagination</u>.
- Use Accept header to specify the response format. Specify application/iso15143-snapshot+xml for XML. Specify application/iso15143-snapshot+json for JSON.

Sample request

```
curl -v -X GET \
"https://services.cat.com/telematics/iso15143/fleet/{{pageNumber}}"-H
"Authorization: Bearer {token}" \
-H 'Accept: application/iso15143-snapshot+json' \
```

JSON is the default response format.

Sample JSON response

```
{
    "Links": [
    {
        "Rel": "Current",
        "Href": "https://api.cat.com/telematics/iso15143/fleet/1"
    },
    {
}
```

```
"Rel": "Next",
  "Href": "https://api.cat.com/telematics/iso15143/fleet/2"
},
 {
 "Rel": "Last",
 "Href": "https://api.cat.com/telematics/iso15143/fleet/2"
 },
 {
 "Rel": "First",
 "Href": "https://api.cat.com/telematics/iso15143/fleet/1"
}
],
  "Equipment": [
   {
    "EquipmentHeader": {
     "OEMName": "CAT",
     "Model": "EEEE",
     "EquipmentID": "EDED",
     "SerialNumber": "SDSS"
    },
    "Location": {
     "Latitude": 414.163130,
     "Longitude": 41.148280,
     "Altitude": 3019.000000,
     "AltitudeUnits": "metre",
     "Datetime": "2022-06-10T04:14:45Z"
    },
    "CumulativeIdleHours": {
     "Hour": 1189.4,
     "Datetime": "2022-06-10T04:14:45Z"
    },
    "CumulativeOperatingHours": {
     "Hour": 7855.3,
     "Datetime": "2022-06-10T04:14:45Z"
    },
    "CumulativePayloadTotals": {
     "PayloadUnits": "kilogram",
     "Payload": 1418969664000.0,
     "Datetime": "2020-08-21T05:09:38Z"
    },
    "Distance": {
```

```
"OdometerUnits": "kilometre",
   "Odometer": 7541.6,
   "Datetime": "2022-06-10T04:14:45Z"
 },
  "EngineStatus": {
   "EngineNumber": "FGFD",
   "Running": true,
   "Datetime": "2022-06-10T04:22:19Z"
 },
  "FuelUsed": {
   "FuelUnits": "litre",
   "FuelConsumed": 84434,
   "Datetime": "2022-06-10T04:14:45Z"
 },
  "FuelUsedLast24": {
   "FuelUnits": "litre",
   "FuelConsumed": 130,
   "Datetime": "2022-06-09T00:00:00Z"
 },
  "FuelRemaining": {
   "Percent": 96.0,
   "Datetime": "2022-06-10T04:14:45Z"
 }
}
1
```

Equipment Snapshot

To get a snapshot of data for a single piece of equipment, use the GET /equipment/makeModelSerial/{make}/{model}/{serialNumber} endpoint.

- Use make, model, and serialNumber path parameters to identify the equipment.
- Use Accept header to specify the response format. Specify application/iso15143-snapshot+xml for XML. Specify application/iso15143-snapshot+json for JSON.

Sample request

```
curl -v -X GET \
"https://services.cat.com/telematics/iso15143/equipment/makeModelSerial/{make}/{
model}/{serialNumber}"-H "Authorization: Bearer {token}" \
-H 'Accept: application/iso15143-snapshot+json' \
```

JSON is the default response format.

Sample JSON response

```
{
  "EquipmentHeader": {
   "OEMName": "CAT",
    "Model": "924K",
   "EquipmentID": "HU-HH-ZH",
   "SerialNumber": "MEJ00000"
 },
  "Location": {
    "latitude": "40.69223",
    "longitude": "-89.58893",
    "altitude": "42.007",
    "AltitudeUnits": "meter",
    "ChinaCoordinateId": "499478202"
 },
  "CumulativeOperatingHours": {
    "Hour": "441.7",
   "Datetime": "2015-07-11T03:49:16Z"
 },
  "FuelUsed": {
    "FuelConsumed": "18.9271",
    "FuelUnits": "liter",
   "Datetime": "2015-07-11T03:49:16Z"
 },
  "Distance": {
   "Odometer": "746.9",
    "OdometerUnits": "kilometer",
    "Datetime": "2015-07-11T03:49:16Z"
 },
  "CumulativeIdleHours": {
   "Hour": "441.7",
   "Datetime": "2015-07-11T03:49:16Z"
 },
  "FuelRemaining": {
   "Percent": "72.1",
   "Datetime": "2015-07-11T03:49:16Z"
 },
  "DEFRemaining": {
```

```
"Percent": "74",
    "Datetime": "2015-07-11T03:49:16Z"
},
"EngineStatus": {
    "Running": "True",
    "Datetime": "2015-07-11T03:49:16Z"
}
```

Timesseries-Fault Code

To get diagnostic codes timeseries for a single piece of equipment, use the GET /equipment/makeModelSerial/{make}/{model}/{serialNumber}/faults/{startDateUTC}/{endDateUTC}/{pageNumber} endpoint.

- Use make, model, and serialNumber path parameters to identify the equipment.
- Use the **startDateUTC** and **endDateUTC** path parameters to specify the date range.
- The pageNumber path parameter is required. First request must use 1 as page number. If there is
 more than one page of results, the next page number can be found in the Links-element of the
 response. For more information, see <u>Pagination</u>.
- Use Accept header to specify the response format. Specify application/iso15143-snapshot+xml for XML. Specify application/iso15143-snapshot+json for JSON.

Sample request

```
curl -v -X GET \
"https://services.cat.com/telematics/iso15143/equipment/makeModelSerial/{make}/{
model}/{serialNumber}/faults/{startDateUTC}/{endDateUTC}/{pageNumber}" \
-H "Authorization: Bearer {token}" \
--header 'Accept: application/iso15143-snapshot+json' \
```

JSON is the default response format.

Sample JSON response

```
{
      "Rel": "Last",
      "Href":
"https://api.cat.com/telematics/iso15143/fleet/equipment/makeModelSerial..."
   },
   {
      "Rel": "First",
      "Href":
"https://api.cat.com/telematics/iso15143/fleet/equipment/makeModelSerial..."
   }
 ],
 "FaultCode": [
   {
      "CodeIdentifier": "490-3",
      "CodeDescription": "Implement Lockout Switch:Voltage Above Normal",
      "CodeSeverity": "Medium",
      "CodeSource": "Impl Ctrl Valve Module",
      "Datetime": "2022-06-04T20:48:27Z"
   },
   {
      "CodeIdentifier": "490-3",
      "CodeDescription": "Implement Lockout Switch: Voltage Above Normal",
      "CodeSeverity": "Medium",
      "CodeSource": "Impl Ctrl Valve Module",
      "Datetime": "2022-06-04T19:30:05Z"
   }
 1
```

Timesseries-Location

To get Last Known Location timeseries data for a single piece of equipment, use the GET /fleet/equipment/makeModelSerial/{make}/{model}/{serialNumber}/locations/{startDateUTC}/{endDateUTC}/{pageNumber} endpoint.

- Use make, model, and serialNumber path parameters to identify the equipment.
- Use the startDateUTC and endDateUTC path parameters to specify the date range.
- The <u>pageNumber</u> path parameter is required. First request must use 1 as page number. If there is more than one page of results, the next page number can be found in the <u>Links</u>-element of the response. For more information, see <u>Pagination</u>.
- Use Accept header to specify the response format. Specify application/iso15143-snapshot+xml for XML. Specify application/iso15143-snapshot+json for JSON.

Sample request

```
curl -v -X GET \
"https://api.cat.com/catDigital/iso15143/v1/fleet/equipment/makeModelSerial/{mak
e}/{model}/{serialNumber}/locations/{startDateUTC}/{endDateUTC}/{pageNumber}" \
-H "Authorization: Bearer {token}" \
--header 'Accept: application/iso15143-snapshot+json' \
```

JSON is the default response format.

Sample JSON response

```
{
  "Links": [
        {
      "href": "https://api.cat.com/catDigital/iso15143/v1",
      "rel": "Current"
    }
  1,
  "Location": [
    {
      "Latitude": 40.69223,
      "Longitude": -89.58893,
      "Altitude": 42.007,
      "AltitudeUnits": "metre",
      "ChinaCoordinateId": 499478202,
      "datetime": "2015-07-11T03:49:16Z"
    }
  ]
```

Timesseries-Switch Status

To get Switch Status timeseries data for a single piece of equipment, use the GET /fleet/equipment/makeModelSerial/{make}/{model}/{serialNumber}/switchStatus/{startDateUTC}/{endDateUTC}/{pageNumber} endpoint.

- Use make, model, and serialNumber path parameters to identify the equipment.
- Use the startDateUTC and endDateUTC path parameters to specify the date range.
- The pageNumber path parameter is required. First request must use 1 as page number. If there is more than one page of results, the next page number can be found in the Links-element of the response. For more information, see <u>Pagination</u>.

• Use Accept header to specify the response format. Specify application/iso15143-snapshot+xml for XML. Specify application/iso15143-snapshot+json for JSON.

Sample request

```
curl -v -X GET \
"https://api.cat.com/catDigital/iso15143/v1/fleet/equipment/makeModelSerial/{mak
e}/{model}/{serialNumber}/switchStatus/{startDateUTC}/{endDateUTC}/{pageNumber}"
\
-H "Authorization: Bearer {token}" \
--header 'Accept: application/iso15143-snapshot+json' \
```

JSON is the default response format.

Sample JSON response

Timesseries-Cumulative Operating Hours

To get Cumulative Operating Hours timeseries data for a single piece of equipment, use the GET /fleet/equipment/makeModelSerial/{make}/{model}/{serialNumber}/cumulativeOperatingHours/{startDateUTC}/{endDateUTC}/{pageNumber} endpoint.

- Use make, model, and serialNumber path parameters to identify the equipment.
- Use the startDateUTC and endDateUTC path parameters to specify the date range.
- The pageNumber path parameter is required. First request must use 1 as page number. If there is more than one page of results, the next page number can be found in the Links-element of the

response. For more information, see <u>Pagination</u>.

• Use Accept header to specify the response format. Specify application/iso15143-snapshot+xml for XML. Specify application/iso15143-snapshot+json for JSON.

Sample request

```
curl -v -X GET \
"https://api.cat.com/catDigital/iso15143/v1/fleet/equipment/makeModelSerial/{mak
e}/{model}/{serialNumber}/cumulativeOperatingHours/{startDateUTC}/{endDateUTC}/{
pageNumber}" \
-H "Authorization: Bearer {token}" \
--header 'Accept: application/iso15143-snapshot+json' \
```

JSON is the default response format.

Sample JSON response

Timesseries-Cumulative Idle Operating Hours

To get Cumulative Idle Operating Hours timeseries data for a single piece of equipment, use the GET /fleet/equipment/makeModelSerial/{make}/{model}/{serialNumber}/cumulativeIdleHours/{startDateUTC}/{endDateUTC}/{pageNumber} endpoint.

- Use make, model, and serialNumber path parameters to identify the equipment.
- Use the startDateUTC and endDateUTC path parameters to specify the date range.
- The pageNumber path parameter is required. First request must use 1 as page number. If there is more than one page of results, the next page number can be found in the Links-element of the

response. For more information, see <u>Pagination</u>.

• Use Accept header to specify the response format. Specify application/iso15143-snapshot+xml for XML. Specify application/iso15143-snapshot+json for JSON.

Sample request

```
curl -v -X GET \
"https://api.cat.com/catDigital/iso15143/v1/fleet/equipment/makeModelSerial/{mak
e}/{model}/{serialNumber}/cumulativeOperatingHours/{startDateUTC}/{endDateUTC}/{
pageNumber}" \
-H "Authorization: Bearer {token}" \
--header 'Accept: application/iso15143-snapshot+json' \
```

JSON is the default response format.

Sample JSON response

Timesseries-Cumulative Fuel Used

To get Cumulative Fuel Used timeseries data for a single piece of equipment, use the GET /fleet/equipment/makeModelSerial/{make}/{model}/{serialNumber}/cumulativeFuelUse d/{startDateUTC}/{endDateUTC}/{pageNumber} endpoint.

- Use make, model, and serialNumber path parameters to identify the equipment.
- Use the startDateUTC and endDateUTC path parameters to specify the date range.
- The pageNumber path parameter is required. First request must use 1 as page number. If there is more than one page of results, the next page number can be found in the Links-element of the

response. For more information, see <u>Pagination</u>.

• Use Accept header to specify the response format. Specify application/iso15143-snapshot+xml for XML. Specify application/iso15143-snapshot+json for JSON.

Sample request

```
curl -v -X GET \
"https://api.cat.com/catDigital/iso15143/v1/fleet/equipment/makeModelSerial/{mak
e}/{model}/{serialNumber}/cumulativeFuelUsed/{startDateUTC}/{endDateUTC}/{pageNu
mber}" \
-H "Authorization: Bearer {token}" \
--header 'Accept: application/iso15143-snapshot+json' \
```

JSON is the default response format.

Sample JSON response

Timesseries-Engine Condition

To get Engine Condition timeseries data for a single piece of equipment, use the GET

/fleet/equipment/makeModelSerial/{make}/{model}/{serialNumber}/engineCondition/{
startDateUTC}/{endDateUTC}/{pageNumber} endpoint.

- Use make, model, and serialNumber path parameters to identify the equipment.
- Use the startDateUTC and endDateUTC path parameters to specify the date range.
- The pageNumber path parameter is required. First request must use 1 as page number. If there is

more than one page of results, the next page number can be found in the Links-element of the response. For more information, see <u>Pagination</u>.

• Use Accept header to specify the response format. Specify application/iso15143-snapshot+xml for XML. Specify application/iso15143-snapshot+json for JSON.

Sample request

```
curl -v -X GET \
"https://api.cat.com/catDigital/iso15143/v1/fleet/equipment/makeModelSerial/{mak
e}/{model}/{serialNumber}/engineCondition/{startDateUTC}/{endDateUTC}/{pageNumbe
r}" \
-H "Authorization: Bearer {token}" \
--header 'Accept: application/iso15143-snapshot+json' \
```

JSON is the default response format.

Sample JSON response

Timesseries-Fuel Remaining Ratio

To get Fuel Remaining Ratio timeseries data for a single piece of equipment, use the GET /fleet/equipment/makeModelSerial/{make}/{model}/{serialNumber}/fuelRemainingRatio/{startDateUTC}/{endDateUTC}/{pageNumber} endpoint.

- Use make, model, and serialNumber path parameters to identify the equipment.
- Use the startDateUTC and endDateUTC path parameters to specify the date range.

- The pageNumber path parameter is required. First request must use 1 as page number. If there is more than one page of results, the next page number can be found in the Links-element of the response. For more information, see <u>Pagination</u>.
- Use Accept header to specify the response format. Specify application/iso15143-snapshot+xml for XML. Specify application/iso15143-snapshot+json for JSON.

Sample request

```
curl -v -X GET \
"https://api.cat.com/catDigital/iso15143/v1/fleet/equipment/makeModelSerial/{mak
e}/{model}/{serialNumber}/fuelRemainingRatio/{startDateUTC}/{endDateUTC}/{pageNu
mber}" \
-H "Authorization: Bearer {token}" \
--header 'Accept: application/iso15143-snapshot+json' \
```

JSON is the default response format.

Sample JSON response

```
{
  "Links": [
     {
         "href": "https://api.cat.com/catDigital/iso15143/v1",
         "rel": "Current"
     }
],
  "FuelRemaining": [
     {
         "Percent": 72.1,
         "datetime": "2015-07-11T03:49:16Z",
         "FuelTankCapacityUnits": "litre",
         "FuelTankCapacity": 500
     }
]
```

Pagination

- You can paginate the results for fleet snapshot and fault code timeseries using the required path pageNumber path parameter. First request must use 1 as page number.
- If there is more than one page of results, the next page number can be found in the Links-element of the response.

- The **Href** property specifies the URL of the link.
- The Rel property specifies whether the link is the current, next, first, or last page of the result set.

```
"Links": [
  {
   "Rel": "Current",
   "Href": "https://api.cat.com/telematics/iso15143/fleet/1"
  },
   "Rel": "Next",
   "Href": "https://api.cat.com/telematics/iso15143/fleet/2"
  },
  {
   "Rel": "Last",
   "Href": "https://api.cat.com/telematics/iso15143/fleet/2"
  },
  {
   "Rel": "First",
   "Href": "https://api.cat.com/telematics/iso15143/fleet/1"
  }
 ]
```

Additional Documentation

The following additional documentation is available as part of the ISO 15143-3 (AEMP 2.0) API bundle:

Access

Guide: https://digital.cat.com/knowledge-hub/articles/iso-15143-3-aemp-20-api-access-guide

• ISO 15143-3 (AEMP 2.0) API - Postman

Collection: https://digital.cat.com/knowledge-hub/document/iso-15143-3-aemp-20-api-postman-collection

Glossary

CWS

Corporate Web Security. CWS ID and CWS Password are created when an account within Caterpillar is created. This can be used to login to various systems and applications within Caterpillar.

AEMP

Association of Equipment Management Professionals.

Change History

Date	Description of Change
05-25-2021	New document.
01-10-2022	NextGen ISO API document.
02-27-2022	Updated information in next gen api sections.
03-08-2023	Updated format and review comments.
03-14-2023	Updated Postman collection link.
05-23-2023	Added content for Duplicate Values, Call Limit and Throttling Limit.