

Certificate of Analysis



Port Allen Lube Plant

2230 Hwy. 1 North, Port Allen, LA 70767

Date: 12/12/2022

Product: MOBIL 1 0W-20

| | | | |
|------------------|--------------|--------------------|---------------|
| Batch Number | 70427800-01 | Quantity / Package | 5 Quart-Start |
| Order Key | 70427036 | Manufacture Date | 09/03/2022 |
| Export# / P.O.# | | Destination | |
| Yardmark | 11022J05A | Reference # | |
| CMCS Code/ Prod# | 201510101032 | T/C or T/T | |

| Test Description | Method | Test Result |
|---|------------|-------------|
| ASTM Color | ASTM D1500 | L5.0 |
| Kinematic Viscosity @ 100 C, mm ² /s | ASTM D445 | 8.89 |
| Calcium, mass% | ASTM D4951 | 0.076 |
| Phosphorus, mass% | ASTM D4951 | 0.074 |
| Pour Point, C | ASTM D97 | -51 |
| API Gravity, DegAPI | ASTM D4052 | 35.60 |
| Boron, mass% | ASTM D4951 | 0.009 |
| Nitrogen Content, mass% | ASTM D3228 | 0.140 |
| CCS Viscosity -35 C, mPa.s | ASTM D5293 | 5750 |
| Foam, Sequence II, Tendency, ml | ASTM D892 | 10 |
| Foam, Sequence II, Stability, ml | ASTM D892 | 0 |
| Molybdenum, mass% | ASTM D4951 | 0.011 |
| Infrared Spectrum | AMS 1440 | MATCH |
| Odor | AMS 1695 | PASS |
| Magnesium, mass% | ASTM D4951 | 0.075 |
| Appearance | AMS 1738 | C & B |

This material meets the ExxonMobil Sales specification established for this product and has been produced in a facility complying with the requirements of the ISO 9001 certified Global Product Integrity Management System (GPIMS). Test results on this certificate represent the most recent inspections done on this product for the stated characteristics and may be based on tank certification, manufacturing data, periodic testing and / or most recent product restock.

Direct Inquiries to:

Mary L Goodwin, Lab Supervisor

Port Allen Lube Plant

pH: (225) 540-4543

Fax: (225) 540-4883

Tests conducted according to International Standard Test Methods are routinely verified to be in compliance with the latest published versions. Minor changes may be made where they have no material impact on test schedules and are necessitated by reasons such as safety, environmental standards, and method effectiveness.

PAL4513417_CofA (PAL4513177_CofA obsoleted)