

**Certificate of Analysis**



**Beaumont Lube Blending Plant**  
**2805 Sycamore St. Beaumont, Texas 77701**  
**Date: 08/22/2022**

Product: MOBIL 1 0W-20

|                         |              |                           |            |
|-------------------------|--------------|---------------------------|------------|
| <b>Batch Number</b>     | 70422962     | <b>Quantity / Package</b> | QUART-END  |
| <b>Order Key</b>        | 70425346     | <b>Manufacture Date</b>   | 07/29/2022 |
| <b>Export# / P.O.#</b>  |              | <b>Destination</b>        |            |
| <b>Yardmark</b>         | 10122H22A    | <b>Reference #</b>        |            |
| <b>CMCS Code/ Prod#</b> | 201510101032 | <b>T/C or T/T</b>         |            |

| Test Description                   | Method     | Test Result |
|------------------------------------|------------|-------------|
| ASTM Color                         | ASTM D1500 | L5.0        |
| Kinematic Viscosity @ 100 C, mm2/s | ASTM D445  | 8.4         |
| Calcium, mass%                     | ASTM D4951 | 0.079       |
| Phosphorus, mass%                  | ASTM D4951 | 0.075       |
| Pour Point, C                      | ASTM D5949 | -45         |
| API Gravity, DegAPI                | ASTM D4052 | 34.6        |
| Boron, mass%                       | ASTM D4951 | 0.009       |
| Nitrogen Content, mass%            | ASTM D5762 | 0.141       |
| CCS Viscosity -35 C, mPa.s         | ASTM D5293 | 5980        |
| Foam, Sequence II, Tendency, ml    | ASTM D892  | 40          |
| Foam, Sequence II, Stability, ml   | ASTM D892  | 0           |
| Molybdenum, mass%                  | ASTM D4951 | 0.011       |
| Infrared Spectrum                  | AMS 1440   | MATCH       |
| Odor                               | AMS 1695   | PASS        |
| Water, by Crackle Test             | AMS 449    | NIL         |
| Magnesium, mass%                   | ASTM D4951 | 0.073       |

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.

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Tests conducted according to ASTM 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.