



EHC 340 MAX™

ExxonMobil Basestocks, Finland

Product Description

EHC base stocks comprise a global Group II slate as defined within API/ATIEL guidelines for formulation and qualification of automotive lubricants. With base oil interchange and viscosity grade read-across capabilities, EHC base stocks offer broad coverage that enables supply chain flexibility and simplified qualification testing requirements.

Features and Benefits

ExxonMobil EHC 340 MAX containing lubricants show high oxidative stability, a wide temperature range of performance and light color. The outstanding low temperature performance and oxidative stability of EHC 340 MAX enables excellent performance of higher viscosity lubricant in a variety of applications. The high viscosity and VI of EHC 340 MAX ideally positions the product as a cost effective replacement to alternative high viscosity base stocks, traditional thickeners and viscosity modifiers. The light color of EHC 340 MAX enables blended products with excellent aesthetic properties.

Specifications

| Property | Limit | Standard Method(a) | |
|---|---------|--------------------|------------------|
| ASTM Color | Max | ASTM D1500 | L1.5 |
| Appearance | Min | Visual | Clear and Bright |
| Flash Point, Cleveland Open Cup, °C | Min | ASTM D92 | 294 |
| Kinematic Viscosity @ 100 C, mm ² /s | Min-Max | ASTM D445 | 32.5-35.5 |
| Kinematic Viscosity @ 40 C, mm ² /s | Min-Max | ASTM D445 | 460-520 |
| Pour Point, °C | Max | ASTM D97 | -15 |
| Viscosity Index | Min-Max | ASTM D2270 | 95-115 |
| Saturates, wt% | Min | ASTM D7419 | 98 |

Note 1: Products are certified on release to meet the values specified. Actual values may deviate within the established reproducibility of the test method specified.

Note 2: For purpose of determining conformance with specification, observed or calculated values shall be rounded off to the nearest unit in the last significant digit used in expressing the limiting value in accordance to the ASTM E 29 method

(a) In lieu of standard test method, alternate test methods may be used for the certification of a product property.

(b) EHC 340 MAX to be commercially available starting in 2025.

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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