



June 19th, 2020

Subject: ExxonMobil EHC™ Base Stock Slate Declaration including EHC 340 MAX

Dear Sir or Madam,

ExxonMobil Fuels, & Lubricants Company hereby declares the following base stocks part of the ExxonMobil EHC Group II Base Stock Slate as defined by API 1509 Annex E and the ATIEL Code of Practice.

- EHC 45
- EHC 50
- EHC 65
- EHC 110
- EHC 120
- EHC 340 MAX¹

These base stocks are manufactured using ExxonMobil processes within our quality assurance program at various manufacturing locations worldwide.

A handwritten signature in blue ink, appearing to read "L. Pottorf".

L. Pottorf

Global Marketing Manager
Basestocks and Specialties

Note 1: Pre-production batches of EHC 340 MAX have been manufactured for the purposes of customer testing and evaluation. As previously announced, EHC 340 MAX will be commercially manufactured at the ExxonMobil Singapore Refinery.

EHC™ 340 MAX

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.

EHC 340 MAX is a high viscosity Group II basestock that is capable of formulating higher viscosity industrial gear oils, automotive gear oils, marine engine oils, greases and circulating oils.

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 lubricants in a variety of applications. The high viscosity and VI of EHC 340 MAX ideally positions the product as a cost effective replacement to high viscosity synthetic base stocks, traditional thickeners and viscosity modifiers. The light color of EHC 340 MAX enables blended products with excellent aesthetic properties.

EHC 340 MAX will be a globally available product.

Sales Specifications¹

Chem. & Phys. Property	UOM	Methods	Min.	Max.
Appearance	none	Visual	Clear & Bright	
Kinematic Viscosity @ 40 °C	mm ² /s	ASTM D445	460	520
Kinematic Viscosity @ 100 °C	mm ² /s	ASTM D445	32.5	35.5
Viscosity Index	none	ASTM D2270	95	115
ASTM Color	rating	ASTM 1500		L1.5
Flash Point, Cleveland Open Cup	°C	ASTM D92	294	
Pour Point	°C	ASTM D97		-15

Results referenced against standard method shown. Alternate methods may be used to certify value.

Note 1: Pre-production batches of EHC 340 MAX have been manufactured for the purposes of customer testing and evaluation. As previously announced, EHC 340 MAX will be commercially manufactured at the ExxonMobil Singapore Refinery.

Note 2: Products are certified on release to meet the values specified. Actual values may deviate within the established reproducibility of the test method specified.

Note 3: 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.

Health and Safety

Detailed health and safety information for this product is provided in the material safety data sheet (MSDS), available upon request through your local sales representative or from www.ExxonMobil.com (*) ExxonMobil, the ExxonMobil logotype are trademark of Exxon Mobil Corporation or one of its subsidiaries.

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