ExxonMobil

AP/E CORE

ExxonMobil Basestocks , India

Product Description

Core base stocks by ExxonMobil are designed to offer broad blending coverage with performance capabilities in applications ranging from engine oils to industrial lubricants.

AP/E Core™ base stocks constitute a slate as defined within API/ATIEL Guidelines for formulation and qualification of automotive lubricants. With base oil interchange and viscosity grade read-across capabilities, ExxonMobil's AP/E Core base stock slate offers broad coverage, enabling supply chain flexibility and simplified qualification testing requirements. ExxonMobil follows rigorous processes to ensure reliable delivery of consistent quality base stocks so customers can be confident in their base stock supply.

Specifications

Property	Standard Method(a)	Limits	CORE 100	CORE 150	CORE 600	CORE 2500
ASTM Color	ASTM D1500	Max	1	1.5	4	6
Appearance	Visual	Min-Max	Clear and Bright	Clear and Bright	Clear and Bright	Clear and Bright
Cold-Cranking Simulator, Apparent Viscosity @ -15 C, mPa.s	ASTM D5293	Max		1,250		
Cold-Cranking Simulator, Apparent Viscosity @ -25 C, mPa.s	ASTM D5293	Max	1,650			
Flash Point, Cleveland Open Cup, °C	ASTM D92	Min	194	210	246	294
Kinematic Viscosity @ 100 C, mm2/s	ASTM D445	Min-Max				30.6-32.7
Kinematic Viscosity @ 40 C, mm2/s	ASTM D445	Min-Max	18.5-21.0	29.0-32.0	109.0-116.0	
Noack Volatility, Procedure B, mass%	ASTM D5800-PROB	Max	29.3	15.8		
Pour Point, °C	ASTM D97	Max	-18	-12	-6	-6
Viscosity Index	ASTM D2270	Min	95	100	95	95

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.

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

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.

04-2020

ExxonMobil
3225 Gallows Road
Fairfax, VA 22037-001

1-800-662-4592
http://www.exxonmobil.com

All products may not be available in all countries. Every care has been taken in the preparation of this information. Typical values may vary within modest ranges and specifications may be subject to change. To the extent permitted by applicable law, all warranties and/or representations, express or implied, as to the accuracy of the information are disclaimed, and no liability is accepted for the accuracy or completeness of the same.

ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names which include Esso, Mobil, Exxon, or ExxonMobil. For convenience and simplicity, the term ExxonMobil may be used to represent all of these entities, and the products and services provided by those entities. Nothing in this brochure is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with local ExxonMobil-affiliated entities.

ExxonMobil

Exxon Mobil Esso XTO

© Copyright 2003-2024 Exxon Mobil Corporation. All Rights Reserved