

TECHNICAL PRODUCT SHEET

EVO ULTRA FE 5W—20



DESCRIPTION

EVO ULTRA FE is a fully synthetic, extreme fuel economy, ultra-low SAPS, low viscosity heavy duty synthetic engine oil engineered with TriboACT[®] Formula providing the latest high-performance vehicles standards. It delivers highest level of protection for the engine by retaining its viscometrics at high load operating conditions, protecting the turbocharger against deposits formation for heavy duty diesel engines using advanced exhaust after treatment systems such as diesel particulate filters (DPFs) and in combination with low sulfur diesel fuel meeting the latest MAN and SCANIA requirements. EVO ULTRA FE has been designed to provide fuel economy benefits, due to its TriboACT[®]-enhanced low viscosity formulation and maximum long-drain confidence.

APPLICATIONS

EVO ULTRA FE is suitable for all types of Euro VI engines with an exhaust fume after-treatment system. It is also compatible with older Euro V engines, operating on low and ultra-low sulfur fuel, with Exhaust Gas Reduction (SCR) systems and Diesel Particulate Filters (DPF) and/or Diesel Oxidation Catalyst (DOC). It covers the Ultra High-Performance Diesel (UHPD) recommendations of major engine manufacturers.

SPECIFICATIONS

MAN	3977 (Approved)
SCANIA	LDF-5 (Approved)

PROPERTIES

EVO ULTRA FE is designed to control oxidation, reduce deposits, neutralize acids, and maintain viscosity under thermal and mechanical stress, extending, thus, oil life and supporting confidence in achieving maximum drain intervals. Formulated with TriboACT[®] technology, delivers excellent thermal stability and ensures reliable performance while maintaining full compatibility with modern exhaust aftertreatment systems for enhanced operational efficiency.

BENEFITS

EVO ULTRA FE provides excellent wear and turbocharger protection with high reduction in oil consumption, strong viscosity retention, and ultra-high fuel-saving performance. It delivers full engine protection in a high range of temperatures while its ultra-low SAPS technology ensures exhaust fume aftertreatment systems (EGR, SCR, DPF) long life and serves environmental protection due to ultra-low Ash, Phosphorus and Sulfur.



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PHYSICAL-CHEMICAL CHARACTERISTICS

EVO ULTRA FE	METHOD	SAE 5W-20
Density at 15°C, g/cm ³	ASTM D4052	0.846
Dynamic viscosity, cP	ASTM D5293	-30°C/6,100
Viscosity, Kinematic (cSt) 100°C	ASTM D445	8.2
Viscosity, Kinematic (cSt) 40°C	ASTM D445	47.5
Viscosity index	ASTM D2270	147
TBN, mgKOH/g	ASTM D2896	12.5
Flash point, COC, °C	ASTM D92	226
Pour point, °C	ASTM D97	-40
HTHS Viscosity @150°C, cp	ASTM D4683	≥3.5
Ash Sulphated, %	ASTM D874	1.0

The abovementioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

