

TECHNICAL PRODUCT SHEET

EVO ULTRA LS 5W—30



DESCRIPTION

EVO ULTRA LS is a fully synthetic, fuel economy (of 1.3%, in average), lowSAPS, ultra high-performance oil for the latest emission standards engine units, developed to surpass the performance requirements of ACEA E11, E8 and E7 specifications. Engineered with TriboACT[®] Formula, it provides the highest levels of protection for the engine by retaining its viscometrics at high load operating conditions, protects the turbocharger against deposits formation, while at the same time being fully compatible with exhaust after-treatment devices. EVO ULTRA LS has been designed to protect and complement engine components to provide confidence and reassurance to mixed fleet operators providing fuel economy benefits, due to its TriboACT[®]-enhanced low viscosity formulation and long-drain capabilities.

APPLICATIONS

EVO ULTRA LS is suitable for all types of Euro V, VI diesel engine units, both on-road and off-road, heavy-duty ones that require performance levels as defined by API CK-4, ACEA E11, E8 and E7, providing exceptional performance where diesel particulate filters (DPF) are in place along with other exhaust after-treatment devices such as EGR and SCR.

SPECIFICATIONS

ACEA	E11	DTRF	15C100/110/120 (Approved) (ex. MB228.31/51/52)
ACEA	E8	MTU	Cat. 3.1
ACEA	E7	VOLVO	VDS-4.5 (Approved)
API	CK-4 (Approved)	VOLVO	VDS-3
API	CJ-4	RENAULT TRUCKS	RLD-3 (Approved)
API	CG-4	RENAULT TRUCKS	RLD-2
API	SN (Approved)	RENAULT TRUCKS	RXD
MAN	3775	RENAULT TRUCKS	RGD
MAN	3677 (Approved)	MACK	EOS-4.5 (Approved)
JASO	DH-2	MACK	EO-O PP
DETROIT DIESEL	DDC 93K222	MACK	EO-M Plus
CATERPILLAR	ECF-3	MACK	EO-N PP
IVECO	18-1804 TLS E9	MACK	EO-N
DAF	PSQL 2. 1E-LD	CUMMINS	CES 20086
SCANIA	Low Ash	DEUTZ	DQC IV-18LA
FORD	Meets WSS-M2C13-A		

PROPERTIES

Formulated with TriboACT[®] technology, EVO ULTRA LS delivers excellent thermal stability and ensures reliable performance while maintaining full compatibility with modern exhaust after-treatment systems for enhanced operational efficiency.



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BENEFITS

EVO ULTRA LS provides excellent wear and turbocharger protection, reduced oil consumption, strong viscosity retention, and fuel-saving performance. It delivers full engine protection in extreme temperatures down to -40°C and uses low-SAPS technology to safeguard exhaust aftertreatment systems.

PHYSICAL-CHEMICAL CHARACTERISTICS

EVO ULTRA LS	METHOD	SAE 5W-30
Density at 15°C, g/cm ³	ASTM D4052	0.849
Dynamic viscosity, Cp	ASTM D5293	-30°C/5,350
Viscosity, Kinematic (cSt) 100°C	ASTM D445	11.8
Viscosity, Kinematic (cSt) 40°C	ASTM D445	70.0
Viscosity index	ASTM D2270	165
TBN, mgKOH/g	ASTM D2896	10.4
Flash point, COC, °C	ASTM D92	226
Pour point, °C	ASTM D97	-40
HTHS Viscosity @150°C, cp	ASTM D4683	≥3.5

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.

