

TECHNICAL PRODUCT SHEET

EVO ULTRA FA 5W—30



DESCRIPTION

EVO ULTRA FA is a fully synthetic, low-viscosity heavy-duty diesel engine oil formulated for advanced fuel-efficient powertrains. Its TriboACT[®]-enhanced additive system delivers reinforced wear protection, superior friction reduction, and exceptional oxidation and shear stability under high thermal stress. Engineered for Euro VI engines equipped with EGR and SCR, it maintains viscosity integrity, supports extended drain intervals, and ensures reliable lubrication performance in severe fleet operating environments.

APPLICATIONS

EVO ULTRA FA ensures full compatibility with turbochargers, superchargers, and modern aftertreatment systems. It is engineered to support the latest fuel-efficient diesel engines requiring advanced FA-4 lubricants, delivering optimized protection and performance. The product holds official Volvo VDS-5 approval and meets the DTFR 15C130 specification, previously designated as MB 228.61.

SPECIFICATIONS

API	FA-4 (Approved)	VOLVO	VDS-5 (Approved)
DETROIT DIESEL	DFS 93K223	DTFR	15C130 (Approved) (ex. MB 228.61)
CUMMINS	CES 20087		

PROPERTIES

EVO ULTRA FA delivers superior fuel economy and measurable CO₂ reduction through its low-viscosity, friction-optimized formulation. Its advanced additive system ensures complete engine protection by maintaining exceptional cleanliness, wear resistance, and long-term durability. The oil also provides robust after-treatment compatibility, safeguarding DPF, SCR, and EGR systems to preserve emission-control efficiency throughout the service interval.

BENEFITS

EVO ULTRA FA delivers clear operational benefits through its advanced formulation. Its low-viscosity profile enhances fuel efficiency, contributing to measurable CO₂ reduction and lower operating costs. The optimized additive system ensures superior engine cleanliness, wear protection, and long-term durability under severe duty. In addition, its stable chemistry safeguards after-treatment components such as DPF, SCR, and EGR systems, preserving emission-control performance throughout the service interval.



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PHYSICAL-CHEMICAL CHARACTERISTICS

EVO ULTRA FA	METHOD	SAE 5W-30
Density at 15°C, g/cm ³	ASTM D4052	0.856
Dynamic viscosity, cP	ASTM D5293	-30°C/6,000
Viscosity, Kinematic (cSt) 100°C	ASTM D445	10.7
Viscosity, Kinematic (cSt) 40°C	ASTM D445	62.5
Viscosity index	ASTM D2270	163
TBN, mgKOH/g	ASTM D2896	10.3
Flash point, COC, °C	ASTM D92	222
Pour point, °C	ASTM D97	-42
HTHS Viscosity @150°C, cp	ASTM D4683	3.1

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.

