

TECHNICAL PRODUCT SHEET

EVO ULTRA DXL 5W—30



DESCRIPTION

EVO ULTRA DXL is a fully synthetic, ultra-high performance HDDEO, developed to meet the requirements of ACEA E4, E8 and to surpass the ACEA E11 performance demands. 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 (excl. DPF). EVO ULTRA DXL has been designed to protect and complement vital engine components and to provide confidence and reassurance to mixed fleet operators, while at the same time provides fuel economizing benefits due to its TriboACT[®] -enhanced low viscosity formulation.

APPLICATIONS

EVO ULTRA DXL SAE 5W-30 is suitable for all types of Euro 2-onward diesel engines, both on-road and off-road heavy duty ones. It is, however, specially designed to surpass the strict requirements of MB 228.5 and, in particular, of Scania LDF-4 specifications for their Euro VI engine units, providing exceptional performance where exhaust after-treatment devices such as EGR and SCR are in place.

SPECIFICATIONS

ACEA	E11	DTFR	15C110 (Approved) (ex. MB 228.51)
ACEA	E8	DTFR	15C120 (Approved) (ex. MB 228.52)
ACEA	E7	DTFR	15C100 (Approved) (ex. MB 228.31)
ACEA	E4	MTU	Cat. 2.1
API	CK-4	MTU	Cat. 3.1
MAN	3677	VOLVO	VDS-4.5 (Approved)
MAN	3777	RENAULT TRUCKS	RLD-3 (Approved)
MAN	3477	RENAULT TRUCKS	RLD-4
MAN	3271-1	MACK	EOS-4.5 (Approved)
MAN	3775	CUMMINS	CES 20081
DETROIT DIESEL	DFS 93K222	CUMMINS	CES 20086
CATERPILLAR	ECF-3	DEUTZ	DQCIV-18L/AC IV-18LA
JASO	DH-2	DAF	PSQL 2.1E-LD
JASO	DH-1	SCANIA	LDF-4
JASO	DL-0		

PROPERTIES

Engineered with TriboACT[®] Formula, EVO ULTRA DXL oil delivers excellent thermal stability and ultra-high performance, ensuring superior protection, reduced wear, and reliable operation under extreme conditions.



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BENEFITS

EVO ULTRA DXL offers excellent wear and turbocharger protection, strong viscosity retention, and fuel-saving performance. It minimizes oil consumption, supports operation across wide temperatures down to -40°C, and enables extended drain intervals, making it suitable for demanding heavy-duty environments.

PHYSICAL-CHEMICAL CHARACTERISTICS

EVO ULTRA DXL	METHOD	SAE 5W-30
Density at 15°C, g/cm ³	ASTM D4052	0.855
Dynamic viscosity, cP	ASTM D5293	-30°C/6,300
Viscosity, Kinematic (cSt) 100°C	ASTM D445	11.5
Viscosity, Kinematic (cSt) 40°C	ASTM D445	67.0
Viscosity index	ASTM D2270	164
TBN, mgKOH/g	ASTM D2896	13.0
Flash point, COC, °C	ASTM D92	216
Pour point, °C	ASTM D97	-42
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.

