

TECHNICAL PRODUCT SHEET

EVO SHPD 15W—40



DESCRIPTION

EVO SHPD is a synthetic, super high-performance diesel engine oil, approved by major global vehicle manufacturers for use in their latest Euro III to Euro V engines. Due to its TriboACT[®]-enhanced formula, EVO SHPD is the reliable backbone of many vehicle fleets, boosting ACEA E7 and API CH-4 and CI-4 performance approvals, providing wear protection and engine performance as standard and safeguarding the turbocharger's optimal operation by minimizing deposits formation.

APPLICATIONS

EVO SHPD is suitable for all types of both on-road & off-road heavy duty diesel engines that require performance levels as defined by ACEA E7 and API CI-4 specs, providing exceptional performance where exhaust after-treatment devices (excl. DPF) are in place. It highlights Daimler Truck DTFR 15B110 (ex. MB 228.3) amongst its list of credentials, demonstrating its ability to perform in some of the most advanced commercial vehicles on the road as Volvo VDS-3.

SPECIFICATIONS

ACEA	E7	DTFR	15B110 (ex. MB 228.3)
ACEA	E5	MTU	Cat. 2
ACEA	E3	MB	228.1
ACEA	A3/B3	MB	229.1
ACEA	A3/B4	VOLVO	VDS-3 (Approved)
API	CI-4 (Approved)	RENAULT TRUCKS	RLD-2 (Approved)
API	CH-4	MACK	EO-M Plus
API	CG-4	MACK	EO-N (Approved)
API	SL (Approved)	GLOBAL	DHD-1
ALLISON	Level C4	CUMMINS	CES 20076
DETROIT DIESEL	DFS 93K215	CUMMINS	CES 20077
IVECO	18-1804 T2 E3	CUMMINS	CES 20078
CATERPILLAR	ECF-1a	ZF	Level TE-ML 07C
CATERPILLAR	ECF-2		

PROPERTIES

Formulated with TriboACT[®] technology, EVO SHPD delivers superior engine cleanliness, enhanced alkalinity retention, and low-volatility performance to ensure reliable protection, extended service life, and optimized operational efficiency.



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BENEFITS

EVO SHPD delivers high wear protection, improved turbocharger cleanliness, and reliable deposit control. It maintains clean oil galleries for optimal flow, offers full biofuel compatibility with strong corrosion resistance, prevents piston ring sticking, and ensures reduced oil consumption with excellent viscosity retention.

PHYSICAL-CHEMICAL CHARACTERISTICS

EVO SHPD	METHOD	SAE 15W-40
Density at 15°C, g/cm ³	ASTM D4052	0.878
Dynamic viscosity, °C/cP	ASTM D5293	-20°C/5,800
Viscosity, Kinematic (cSt) 100°C	ASTM D445	14.5
Viscosity, Kinematic (cSt) 40°C	ASTM D445	105.6
Viscosity index	ASTM D2270	141
Flash point, COC, °C	ASTM D92	230
Pour point, °C	ASTM D97	-32
TBN, mg KOH/g	ASTM D2896	10.4

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.

