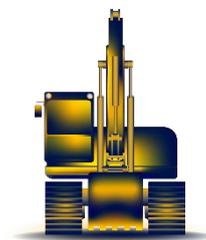


TECHNICAL PRODUCT SHEET

ERGON SHPD 15W—40



DESCRIPTION

ERGON SHPD is a specially formulated Super High Performance Diesel Engine Oil (SHPDEO) designed to withstand the extreme demands of construction equipment operating under severe conditions. Developed with proprietary technology, it meets API CH-4/CI-4 and ACEA E7 performance requirements, delivering exceptional detergency, advanced anti-wear protection, and reliable viscosity stability throughout the entire oil drain interval.

APPLICATIONS

ERGON SHPD utilizes the latest technology to deliver exceptional performance in European, American, and Japanese heavy-duty diesel engines, whether naturally aspirated or turbocharged. It is suitable for engines meeting EURO Stage IIIA/B or US EPA Tier 3 standards and equipped with EGR, SCR, or belonging to older engine generations. The oil is ideal for a wide range of applications including bulldozers, construction and quarry machinery, trucks, stationary engines, and road construction equipment, and is also suitable for on-highway heavy-duty engines from Euro II through Euro IV.

SPECIFICATIONS

ACEA	E7	DTRF	15B110 (Approved) (ex. MB 228.3)
ACEA	E5	MTU	Cat. 2
ACEA	E3	VOLVO	VDS-3 (Approved)
API	CI-4	RENAULT TRUCKS	RLD-2 (Approved)
API	CH-4	MACK	EO-M Plus
API	CG-4	MACK	EO-N (Approved)
API	SL	GLOBAL	DHD-1
MAN	3275-1	CUMMINS	CES 20076
DAF	SHPD	CUMMINS	CES 20077
ALLISON	C4	CUMMINS	CES 20078
DETROIT DIESEL	DFS 93K215	CATERPILLAR	ECF-1
GIMA	CMS M1145	CATERPILLAR	ECF-2
IVECO	18-1804 T2 E3	ZF	TE-ML 07C/D
DEUTZ	DQC III-10		

PROPERTIES

ERGON SHPD advanced formulation provides strong dispersant and anti-oxidation properties to protect against soot build-up and oil filter clogging, along with a superior anti-wear level that helps prevent bore polishing. Its high viscosity ensures robust lubrication and excellent handling of dirt contaminants offering reliable performance over the entire drain interval.



TECHNICAL PRODUCT SHEET

BENEFITS

ERGON SHPD due to advanced wear protection and exceptional oxidation stability, this lubricant helps extend oil life and reduce consumption, even under high-load, high-temperature conditions. That means fewer oil changes, less downtime, and more consistent performance across your fleet for optimal performance, efficiency and reliability in demanding conditions.

PHYSICAL-CHEMICAL CHARACTERISTICS

ERGON SHPD	METHOD	SAE 15W-40
Density at 15°C, g/cm ³	ASTM D4052	0.873
Viscosity, Kinematic (cSt) 40°C	ASTM D445	104.3
Viscosity, Kinematic (cSt) 100°C	ASTM D445	15.5
Viscosity index	ASTM D2270	145
Flash point, COC, °C	ASTM D92	228
Pour point, °C	ASTM D97	-30
TBN, mgKOH/g	ASTM D2896	10.4
Dynamic Viscosity, °C/cP	ASTM D5293	-20°C/6,400
HTHS, cP	CEC-L-36-A-90	≥3.5

The above mentioned 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.

