

TECHNICAL PRODUCT SHEET

PWR SUPER 40



DESCRIPTION

PWR SUPER is a high-quality SHPD monograde engine oil formulated for high - speed diesel power-generation units requiring stable performance and long service life. It incorporates an advanced detergent-dispersant and wear/oxidation control additive technology for outstanding piston cleanliness, improved wear control and boosted protection against bore polishing and excellent turbocharger deposit control and soot handling ability.

APPLICATIONS

PWR SUPER is designed to be used in stationary diesel engines and compact generator sets operating on diesel fuel or MDO, providing reliable operation under continuous or high-load conditions. Meets: Cummins-Wartsila, MWM Deutz, Caterpillar 3600 Series, Yanmar requirements.

SPECIFICATIONS

ACEA	E5	API	CI-4
ACEA	E7	API	CH-4
MTU	TYPE 2	API	CF
<i>Level:</i>			
Cummins	CES 20071	MAN	3275-2
Cummins	CES 20072	VOLVO	VDS 3
Cummins	CES 20076	Global	DHD-1
Cummins	CES 20077	Renault	RLD-2
Cummins	CES 20078	MACK	EO-M+
CATERPILLAR	ECF-2	MACK	EO-N

PROPERTIES

PWR SUPER offers outstanding thermal and oxidation stability, exceptional control of soot and sludge, and superior protection against engine wear caused by soot accumulation. Its enhanced high-temperature stability and excellent TBN retention ensure sustained performance, while its robust anti-wear properties provide reliable protection under demanding operating conditions.

BENEFITS

PWR SUPER delivers improved cleanliness protection and enhanced smooth engine operation, while significantly reducing scuffing and bore polishing. Its stable oil film at high operating temperatures supports extended drain intervals and contributes to lower operating costs. The formulation offers strengthened protection against corrosive wear and prevents deposit formation and piston ring sticking, ensuring prolonged engine life even under demanding conditions.



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PHYSICAL-CHEMICAL CHARACTERISTICS

PWR SUPER	METHOD	SAE 40
Density at 15°C, g/cm ³	ASTM D4052	0.895
Viscosity, Kinematic (cSt) 40°C	ASTM D445	134.0
Viscosity, Kinematic (cSt) 100°C	ASTM D445	15.3
Viscosity index	ASTM D2270	114
Flash point, COC, °C	ASTM D92	236
Pour point, °C	ASTM D97	-18
TBN, mgKOH/g	ASTM D2896	14

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.

