Product Information



USA 15

Penrite USA 15 is a SAE 15W-40 semi-synthetic, high performance oil formulated with additives of the highest standards to ensure protection against oil thickening, wear, corrosion, oil oxidation and sludge. Penrite USA 15 meets the requirements of API CI-4 PLUS/SL and ACEA E5.

APPLICATION

Penrite USA 15 is specifically designed for use in post 1998 low emission American diesel engines, both naturally aspirated and turbocharged.

The new high dispersant, enhanced anti wear formulation is suitable for use in 2003-4 low emission US engines that use with cooled EGR as well as in Caterpillar ACERT engines.

May be used at the recommended drain intervals in engines manufactured by:

Cummins	Detroit Diesel*	Caterpillar	
Mack	Onan	Case	
John Deere	Ford	Waukesha	

May also be used in four stroke engines manufactured by*:

Mercedes Benz	MAN	Scania
Volvo	MTU	Hino
Renault	DAF	Leyland
Deutz	lveco	UD Nissan

Perkins	Rolls Royce	Liebherr
Fiat	Lombardini	Komatsu
Bedford	Daewoo	Mitsubis
Yanmar	Kubota	Hitachi
*Our prime recomm	endations are Penrite	Euro 15 for
European diesel engi	nes, and Penrite Japa	n 15, for Japanese
diesel engines. Detre	oit Diesel Two Stroke	engines, use Penrit

CUSTOMER BENEFITS

Mono 40 or 50.

- Greater engine protection at high operating temperatures.
- Controls oil consumption through use of low volatility synthetic base oils.
- Advanced formulation offers ideal wear and deposit protection for post 1998 low emission American engines.
- Good mixed fleet oil for predominantly American engined fleets
- Reduces soot thickening, including in the latest US low emission engines.

SPECIFICATIONS

Penrite USA 15 meets the requirements of:

API CI-4 PLUS/SL ACEA E5 (Europe)

Caterpillar ECF-I MTU Type I

MAN 271 Cummins CES

20076/20078

Mack EO-N Premium Plus 03Mercedes Benz 228.3/229.1

Typical Properties	
Density at 15°C, kg/L	0.878
Viscosity, Kinematic, cStat 40°C	121
at I 00°C	15.3
Viscosity Index	132
High Temperature/High Shear Viscosity, cP at 150°C	4.1
Viscosity, Kinematic, cSt at 100 °C after 90 cycle shear test	13.4
Cold Cranking Viscosity, cP at -20°C	5218
NOACK Volatility, mass %	12.2

Penrite Oil Company Pty Ltd ABN 25 005 001 525 Ph: 1300 PENRITE (1300 736 748) Int: 61 3 980 1 0877 Email: penrite@penriteoil.com www.penriteoil.com.au **Environment, Health and Safety**

Information is available by request on this product in the Penrite Material Safety Data Sheet. Information in this sheet is based on the most current information available. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacture.

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