

PETRONAS DISROL 12 HS SERIES

High Performance 12 TBN High Speed Oil for Diesel Engine

PETRONAS Disrol 12 HS Series are high performance high speed oil specially developed for diesel engine (marine or stationary service) burning distillate fuels or light fuels blends with sulfur content up to 1,0% operating under severe conditions.

Formulated with high quality selected base oils enhanced with anti-wear, detergent/dispersant, anti-oxidant, anti-rust and anti-foam additives, PETRONAS Disrol 12 HS oil provides excellent engine cleanliness, especially in crankcase and camshaft areas, excellent oxidation resistance, thermal stability, low volatility and high wear and corrosion protection.

Applications

PETRONAS Disrol 12 HS Series are recommended for use in:

- high speed trunk piston engines operating on distillate fuels or light fuels blends
- large crosshead type diesel engines operating up to 1,0% sulfur fuels

Features and Benefits

Features	Benefits
High anti-wear protection	High protection against excessive piston rings and cylinder linear wear
High detergency/dispersancy	High engine cleanliness by effectively controlling varnish, lacquer and other common engine deposits and reduces maintenance cost
Excellent deposit control	Keep clean areas such as piston under crown and piston ring belt area enabling piston rings to function efficiently to maintain high power output and engine efficiency
Excellent thermal and oxidation stability	Maintains performance levels under high temperatures to ensure long oil life and possess good oil consumption control
TBN retention	High protection against corrosion up to 1,0% sulphur fuels

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Typical Properties

Characteristic	Method	SAE 30	SAE 40
Specific Gravity @15°C	ASTM D 4052	0,895	0,900
Kinematic Viscosity at 40°C, cSt	ASTM D 445	111	149
Kinematic Viscosity at 100°C, cSt	ASTM D 445	11,9	14,5
Viscosity Index	ASTM D 2270	95	95
Flash Point, °C	ASTM D 92	260	266
Pour Point, °C	ASTM D 97	-15	-15
TBN, mgKOH/g	ASTM D 2896	12	12
Sulphated Ash, %wt	ASTM D 874	1,6	1,6

All technical data is provided for reference only / SS is available upon request including quality control limits

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Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS or contact us at: www.pli-petronas.com

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