

PETRONAS DISROL 300 SERIES

High Performance 30 TBN Trunk Piston Oil for Medium Speed Diesel Engine

PETRONAS Disrol 300 Series are high performance trunk piston oil specially developed for highly rated medium-speed diesel engines burning up to 1,5%* sulfur fuels.

Formulated with high quality selected mineral base oils enhanced with anti-wear, detergent/dispersant, anti-oxidant, anti-rust and anti-foam additives, PETRONAS Disrol 300 oils provide excellent engine cleanliness, especially in the crankcase, camshaft and valve train areas. Also provides excellent thermal and oxidation stability with very good corrosion protection.

PETRONAS Disrol 300 Series meet or exceed key OEM requirements.

Applications

PETRONAS Disrol 300 Series are recommended for use in:

- medium-speed trunk piston engines burning up to 1,5%* sulfur fuels, where the system and engine operating conditions require excellent cleanliness and prevents sludging
- the lubrication of most reduction gears used with medium speed engines

* For MAN engines, it is recommended the use of fuels with sulfur level between 0,5 to 1,5%. For Wartsila engines the recommendation is the use of fuels with sulfur level up to 0,5%.

Note: Always consult your owner's manual to check recommended viscosity grade and specifications for your specific engine.

Features and Benefits

Features	Benefits
High anti-wear protection	High protection against excessive piston ring and cylinder linear wear
High detergency/dispersancy	Maintains high engine cleanliness by effectively preventing varnishing and lacquer deposits on cylinder liners and engine components
Excellent thermal and oxidation stability	Maintains performance levels under elevated temperatures which ensures long oil life and prevents valve deposits
Very good water separability	Has very good water separability which enables oil separators to remove oil efficiently thereby maintaining the quality of the engine oil
TBN Retention	Very good protection against corrosion on engines burning up to 1,5%* sulfur fuels.

Technical Data Sheet

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Typical Properties

Characteristic	Method	SAE 30	SAE 40
Specific Gravity @15°C	ASTM D 4052	0,901	0,902
Kinematic Viscosity at 40°C, cSt	ASTM D 445	96,34	148,1
Kinematic Viscosity at 100°C, cSt	ASTM D 445	11,25	15,03
Viscosity Index	ASTM D 2270	103	102
Flash Point, °C	ASTM D 92	240	258
Pour Point, °C	ASTM D 97	-9	-9
TBN, mgKOH/g	ASTM D 2896	30	30
Sulphated Ash, %wt	ASTM D 874	3,9	3,9

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

Performance Levels

- MAN
- Wartsila

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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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