

Technical Data Sheet

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PETRONAS DISROL 5 LS SERIES

High Performance 5 TBN System Oil for Low Speed Diesel Engines

PETRONAS Disrol 5 LS Series are high performance system oils specially developed for marine low speed two-strokes crosshead diesel engines.

Formulated with high quality mineral base oils enhanced with anti-wear, detergent/dispersant, anti-oxidant, anti-rust and anti-foam additives, PETRONAS Disrol 5 LS oils provide high detergency, thermal and oxidation stability.

Applications

PETRONAS Disrol 5 LS Series are recommended for use in:

- Two stroke low speed marine engine system lubrication
- engines with piston oil cooling systems
- engines with piston water cooling systems

Features and Benefits

Features	Benefits
High detergency/dispersancy	Maintains high cleanliness level inside the crankcase and engine components
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 for extended periods
High thermal and oxidation stability	Maintains performance levels under high temperatures to ensure long oil life and helps prevent crankcase explosions

Typical Properties

Characteristic	Method	SAE 30	SAE 40
Specific Gravity @15°C	ASTM D 4052	0,891	0,893
Kinematic Viscosity at 40°C, cSt	ASTM D 445	104,0	128,3
Kinematic Viscosity at 100°C, cSt	ASTM D 445	11,43	13,15
Viscosity Index	ASTM D 2270	96	96
Flash Point, °C	ASTM D 92	232	235
Pour Point, °C	ASTM D 97	-15	-12
TBN, mgKOH/g	ASTM D 2896	5	5
Sulphated Ash, %wt	ASTM D 874	1,06	1,08

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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