



## PETRONAS DISROL 300

### PREMIUM QUALITY 30 TBN MEDIUM SPEED DIESEL ENGINE OILS

Petronas Disrol 300 oils are a premium quality cylinder and crankcase oils designed for use in highly rated output medium-speed trunk piston diesel engines (marine or stationary service) burning high sulfur residual fuels (up to 2.5 %wt Sulfur) under the most severe operating conditions.

It is manufactured using the finest quality base oils and advanced additive system to provide outstanding residual fuel compatibility characteristics for excellent engine cleanliness, especially in crankcase and camshaft areas. They provide excellent high temperature oxidation and thermal stability, low volatility and superior wear and corrosion protection.

#### Applications

- Recommended for use in medium-speed trunk piston engines using high sulfur residual fuels, where system and engine operational conditions require excellent cleanliness control especially to overcome the "black sludge" and its associated problems. It is also suitable for the lubrication of most reduction gears used with medium speed engines.

#### Specifications

- API CF
- Wartsila Approved (pending documentation)
- Heavy Fuel Caterpillar 1M-PC
- Caterpillar Micro Oxidation Test Performance

#### Benefits

- High TBN value of 32 and superior alkalinity retention characteristics of the oil ensure excellent protection in neutralizing the strong acids resulting from the use of high sulfur fuels that find access to the crankcase to promote oil degradation, ring, cylinder and bearing corrosion.
- Superior detergency / dispersancy additives system provide exceptional engine cleanliness in both hot and cold parts of the engine by effectively controlling black sludge, lacquer and other common engine deposits and reduces maintenance cost.
- Excellent high temperature deposits control in areas such as piston undercrown and piston ring belt area enabling piston rings to function efficiently to maintain high power output and engine efficiency.

#### Product Typicals

CHARACTERISTICS	SAE 30	SAE 40
DENSITY @ 15 °C, kg/l	0.909	0.912
POUR POINT, °C	-9	-9
FLASH POINT, °C	240	242
KINEMATIC VISCOSITY, cSt @ 40 °C	99	143
KINEMATIC VISCOSITY, cSt @ 100 °C	11.1	14.8
VISCOSITY INDEX	97	97
TBN, mg KOH/g	32	32
SULPHATED ASH, %wt	3.8	3.8
ASTM COLOUR	4.0	4.5



## Customer Advice

This product data sheet and the information contained therein is believed to be accurate. Data provided is based on standard tests under laboratory conditions and is given as a guide only. No responsibility is taken by the company for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.

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