

MARINA 430 / 440

Description

Marina 430 and 440 are premium quality, extra high-performance system oils designed for crosshead diesel engines. They provide excellent protection even for the severe operating conditions of the latest design, high-output cross-head marine diesel engines.

Application

Marina 430 and 440 are recommended primarily for use as system oil in late model, high-output, crosshead diesel engines, especially those engines employing the system oil for piston cooling.

Operation Characteristics

- Excellent thermal and oxidation stability
- Excellent rust and corrosion properties
- Effective lubrication in the presence of water.
- Reduced deposits in piston cooling spaces and crankcase

Typical Physical Characteristics

	ASTM	430	440
SPECIFIC GRAVITY (kg/lit)	D 1298	0,885	0,895
VISCOSITY AT 40°C (cSt)	D 445	80	105
VISCOSITY AT 100°C (cSt)	D 445	11,5	14
TBN	D 2896	4	4
FLASH POINT (°C) min.	D 92	235	230
POUR POINT (°C)	D 97	-20	-18

These are typical values. Small variation should be expected for future productions / blendings.

Health, Safety and Environmental Protection

It is unlikely to cause any significant problem to the health or safety of the user when used properly, according to the typical handling of lubricating and usual personal hygiene practices. The used lubricants must be recycled in accordance with applicable legislation and placed in approved collection points. Do not discharge into drains, soil or water / sea. Always follow the instructions of the safety data sheet.