

# EKOMAR 20, 30, 40, 50 TP

## Marine trunk piston diesel engine oils

### Description

The EKOMAR 20, 30, 40, 50TP lubricant series includes high quality lubricants for medium-speed 4-stroke marine trunk piston diesel engines and diesel engines operating in energy production and other industrial applications. The range includes lubricants with TBN 20, 30, 40 and 50, and SAE 30 and SAE 40 viscosity grades. EKOMAR 20, 30, 40, 50TP products cover all types of fuel used to comply with IMO 2020 Regulations, such as the ULSFO with a sulfur content of up to 0.10% wt ( $S < 0.10\% \text{ wt}$ ), the VLSFO with a sulfur content of  $0.10\% \text{ wt} < S < 0.50\% \text{ wt}$ , and the HSFO with a sulfur content above 0.50% wt. In case of use of HSFO fuels with a sulfur content above 0.50% wt, the products of the range are suitable for engines equipped with exhaust treatment systems, such as scrubbers.

EKOMAR 20, 30, 40, 50TP series lubricants are also suitable for LNG/HFO dual-fuel systems.

### Applications

- Propulsion and auxiliary medium-speed marine engines of the latest technology as well as older generation engines.
- Medium-speed diesel engines operating in energy production and other industrial applications.
- They are also suitable for LNG/HFO dual-fuel systems.

### Specifications

API CF

### Advantages

- Excellent thermal and oxidative stability and superb sludge control in modern engines with low lubricant consumption.
- Excellent detergent and dispersive additive technology, which contributes to effective control of deposits.
- Excellent protection from wear and corrosion.

## Typical Characteristics

			EKOMAR					
Properties	ASTM methods	Units	20TP30	20TP40	30TP30	30TP40	40TP40	50TP40
SAE Viscosity Grade	-	-	30	40	30	40	40	40
Density, 15°C	D4052	g/ml	0.894	0.900	0.900	0.905	0.910	0.916
Kinematic Viscosity, 100°C	D445	cSt	11.2	14.5	11.3	14.4	14.5	14.5
Kinematic Viscosity, 40°C	D445	cSt	98.2	145.9	97.3	140.4	141.9	139.6
Viscosity Index (VI)	D2270	-	100	98	103	101	101	103
Base Number, TBN	D2896	mg KOH/g	20	20	30	30	40	50
Pour Point	D5950	°C	-18	-18	-18	-18	-18	-18
Flash Point (COC), min	D92	°C	220	220	220	220	220	220

## Health and safety

Protect the environment while disposing of used product. Used lubricants should be collected at specific points to ensure they do not pollute the environment. Do not mix with solvents, brake fluids, antifreeze fluids and water, to allow for proper handling.