



## RELIANT NEPTUNE TBN 40 SAE 30W, 40W

**RELIANT NEPTUNE TBN 40** is a multifunctional crankcase lubricant for highly rated medium-speed diesel engines operating on residual fuel.

### CUSTOMER BENEFITS

- Higher acid neutralization property, releasing the corrosion of acid materials produced in the combustion process of poor fuels effectively, cleaning piston and engine
- Suitability for centrifugal separators
- Excellent emulsifying resistance
- Good oxidation resistance and anticorrosion performance to inhibit the formation of oxides

### APPLICATIONS

- Medium-speed industrial or marine propulsion and auxiliary engines, burning residual fuel oils, which create conditions of high oil stress.
- Marine engine reduction gears (SAE 40 only) and certain other ship-board applications, where specialist lubricants are not required.
- Provides sufficient reserve alkalinity, detergency and dispersancy along with high load carrying and anti-wear properties. They are effective in providing low linear wear rates and low ring wear. The additive system provides excellent oxidation resistance and thermal stability, rust control, filterability and water shedability. Normal overhaul intervals are around 15,000 hours.
- Meets or exceeds the following quality standards: MAN Diesel, MWN Deutz, Wartsila and others.



### TYPICAL PHYSICAL CHARACTERISTICS

Specifications	SAE 30	SAE 40
Viscosity Index	98	97
Gravity, API	27.6	27.3
Flash Point C.	210	203
Viscosity cSt@40°C	98	144
Viscosity cSt@100°C	11.5	14.5
Base Number	40	40
Sulphated Ash % wt	4.9	4.9
Pour Point, C.	0	-10

These are typical values subject to stringent industry tolerances. Consult the Material Safety Data Sheet (MSDS) for safety and handling information.