

# Q8 Mozart TM 50 SAE 40

## Description

Trunk piston diesel engine lubricant

## Application

- All turbo-charged medium and high performance trunk piston diesel engines in use as propulsion engines for inland waterway barges, fishing vessels, off-shore vessels, as auxiliary engines on deep sea going vessels.

## Recommendations

- Q8 Mozart TM may be used in highly rated medium speed trunk piston diesel engines operating on distillate fuels or HFO under normal operating conditions, when one or more of the following specifications are used to describe the required lubricant quality:

## Specifications

- API CF
- MAN marine engines
- Wärtsilä marine engines
- MWM Deutz marine engines
- Caterpillar 3600 series
- FZG Loadstep 10 (pass)

## Benefits

- High level of engine cleanliness
- Low wear level
- Good water separation and alkalinity retention
- Readily cleaned by centrifuge
- Good rust and corrosion protection
- Long time between overhaul
- Long oil life

| Properties                  | Method | Unit               | Typical |
|-----------------------------|--------|--------------------|---------|
| Viscosity Grade             |        |                    | SAE 40  |
| Absolute Density, 15 °C     | D 1298 | kg/m <sup>3</sup>  | 916     |
| Kinematic Viscosity, 40 °C  | D 445  | mm <sup>2</sup> /s | 149     |
| Kinematic Viscosity, 100 °C | D 445  | mm <sup>2</sup> /s | 14.9    |
| Viscosity Index             | D 2270 | -                  | 99      |
| Flash Point, P-M            | D 93   | °C                 | 214     |
| Pour Point                  | D 97   | °C                 | -12     |
| Total Base Number           | D 2896 | mg KOH/g           | 50      |
| Sulfated Ash                | D 874  | % mass             | 6.1     |

*The figures above are not a specification. They are typical figures obtained within production tolerances.*

