

## NISOTEC MARINE XD SAE 40



Engine oil



Engine cleanliness



Anticorrosive properties



Mineral



Fuels with increased sulfur content

**NISOTEC MARINE XD SAE 40** is a high-quality engine oil intended for the lubrication of heavy-duty, four-stroke, medium-speed marine diesel engines, which use high-sulfur fuel or marine diesel fuel with a maximum sulfur content of up to 1.5%. The high value of the Total Base Number (TBN 15) enables prolonged, efficient neutralization of acidic combustion products.

### Applications:

- Lubrication of main four-stroke diesel propulsion engines and auxiliary diesel aggregates of ships, barges, boats, dredges, fishing boats, ferries
- It can also be used to lubricate four-stroke diesel engines of older types of locomotives

Characteristics	Advantages
High alkaline reserve-TBN	It provides excellent and long-term engine protection against rust and corrosion, despite the use of fuel with a high sulfur content
Wear protection	A permanent oil film provides protection against wear in all operating conditions, which enables a long service life of the engine
Engine cleanliness	Formulated with specially selected additives that ensure excellent detergent-dispersant characteristics
Stable viscosity	The stable viscosity within the gradation ensures a stable protective oil film during the entire application period

### Specification:

- API CF;

## Typical characteristics

Characteristics	Method	NISOTEC MARINE XD SAE 40
SAE Viscosity grade	SAE J300	40
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ISO 3104	14,8
Viscosity Index	ISO 2909	95
Total Base Number TBN, mg KOH/g	ISO 3771	15,0
Pour Point, °C	ISO 3016	-21
Flash Point (COC), °C	EN ISO 2592	230
Density at 15°C, kg/m <sup>3</sup>	EN ISO 3675	898

## Health, Safety and Environment

Information on the safe handling, storage and disposal of the product, as well as information on precautionary measures and potential hazards, effects on human health and the environment can be found in the Product Safety Data Sheet (SDS). Store the product in its original packaging protected from atmospheric influences. Shelf life 5 years from the date of manufacture.

## Available packaging


**10L**

**20L**

**205L**

**1000L**