

# Product Information

## AVENO Outboard 4T Mineral 15W-40

0002-000623



### Description

AVENO Outboard 4T Mineral 15W-40 is mineral outboard 4-stroke engine oil based on selected base oils and special additives for a perfect lubrication and a high ensure wear protection. It is suitable for the lubrication of 4-stroke outboard motors with very high speed and under heaviest load. AVENO Outboard 4T Mineral 15W-40 meets the requirements of the National Marine Manufacturers Association FC-W.

### Instructions for use

AVENO Outboard 4T Mineral 15W-40 is suitable for all outboard motors with the recommendation FC-W. The operating instructions of the engine manufacturer are to be observed. It is especially recommended for outboard Mercury/Verado, Tohatsu/Nissan outboards, Johnson/Evinrude, Yamaha, Honda and Suzuki. AVENO Outboard 4T Mineral 15W-40 can also be used for engines used in seawater operation.

### Quality classification

#### Specification

- API SL
- NMMA FC-W

### Properties

- A perfect lubrication of all engine parts
- A strong cleaning effect and a residue-free combustion without deposits
- An adhesive, pressure and temperature resistant oil film
- A very high level of wear, oxidation and corrosion protection
- Excellent shear stability

### Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	104.0	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	14.3	mm <sup>2</sup> /s	DIN 51659-2:2017-02
Viscosity Index	141		DIN ISO 2909:2004-08
Appearance	YELLOWBROWN		VISUELL
Viscosity CCS at -20°C	5200	MPAS	ASTM D 5293:2020
Density at 15°C	869	kg/m <sup>3</sup>	DIN EN ISO 12185:1997-11
Pour Point	-36	°C	ASTM D 7346:2015
Total Base Number (TBN)	8.2	mgKOH/g	ASTM D 2896:2015