



Shell Marine

SHELL FISHING BOAT OIL SUPER

Top-tier fishing boat engine oil



MAXIMISED
ENGINE DURABILITY
AND RELIABILITY

Shell Fishing Boat Oil Super is a top-tier lubricant designed specifically to exceed the demanding performance requirements of marine diesel engines used for fishing vessels. It gives excellent engine protection to help ensure maximum engine durability and reliability, even under the arduous conditions encountered on fishing vessels.

PERFORMANCE BENEFITS

- Maximised engine durability and reliability
- Outstanding engine cleanliness
- Lower oil consumption
- Easy start-up
- Excellent thermal stability and oxidation resistance
- Suitable for both turbocharged and naturally aspirated engines

APPLICATIONS

- High-performance engines used in fishing vessels where engine performance and engine protection are critical

HEALTH AND SAFETY

Shell Fishing Boat Oil Super is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further guidance, refer to the brochure *Shell lubricants and related products, guide to health and safety*. In this guide, Shell Fishing Boat Oil Super is classified as Type 1.



PERFORMANCE FEATURES

Maximum engine protection

The additives and base oil used in Shell Fishing Boat Oil Super provide a tough protective oil film between the pistons, the piston rings and the cylinder walls, even under the highest operating temperatures and pressures. This helps to minimise the wear on all engine parts, including piston rings, valves, camshafts and bearings, for extended engine life and reliability.

Outstanding engine cleanliness

The additives in Shell Fishing Boat Oil Super are selected to give a carefully balanced combination of detergency and dispersancy, and are particularly suited for use when there is no lubricant centrifuge treatment facility. This detergent-dispersancy balance ensures outstanding engine cleanliness combined with the ability to contain insolubles in suspension in the lubricant, thus preventing the formation of harmful deposits in areas of low lubricant flow.

Multigrade performance

Shell Fishing Boat Oil Super's multigrade viscosity is designed to provide easy engine start-up and minimal start-up wear. Its high viscosity under high-temperature operation also helps to ensure minimal oil consumption and maximum engine protection at all times.

Excellent oxidation resistance

The exceptional thermal stability and oxidation resistance of Shell Fishing Boat Oil Super ensures that it will withstand continuous high-temperature operation like that experienced in fishing vessels.

Low ash level

The low ash level of Shell Fishing Boat Oil Super combined with its excellent thermal and oxidation stability and careful detergency-dispersancy balance ensures that engines stay clean and that the formation of harmful deposits and lacquers is minimised. Pistons continue to operate smoothly and free from ring sticking.

Total base number (TBN) retention

The rate of TBN depletion in diesel engine oil depends on the antioxidancy properties of the oil and the fuel's sulphur level. Shell Fishing Boat Oil Super has excellent antioxidancy properties as measured by, for example, the viscosity increase requirements of the Mack T8 engine test. Consequently, Shell Fishing Boat Oil Super provides excellent TBN retention.

TYPICAL PROPERTIES

	Shell Fishing Boat Oil Super
SAE viscosity	15W-40
Density at 15°C, kg/l	0.89
Flash point, °C	220
Pour point, °C	-30
Kinematic viscosity at 40°C, cSt	104.7
Kinematic viscosity at 100°C, cSt	14.4
Viscosity index	141
TBN-E, mg KOH/g	9.0

These figures are only typical of current production. Future production will conform to the relevant international/industry performance specifications but variations in these figures may occur.

PERFORMANCE SPECIFICATIONS

Shell Fishing Boat Oil Super meets the following specifications/requirements:

- API CG-4 and CF-4
- Mack T-8
- Caterpillar 1N.

For more information, please contact your Shell Marine representative or visit

www.shell.com/marine

Issued January 2018

