



MARINE OUTBOARD GEAR OIL

PRODUCT DESCRIPTION:

Marine outboard gear oil is an extreme-pressure lubricant for gear boxes, specially formulated to satisfy the highest service conditions of gears used in inboard and outboard marine applications. Its high oxidation stability minimises sludge and deposit formation facilitating longer component life and protects equipment against rust and corrosion under marine environment. It protects gear components in applications where there is high torque at low speeds and where extreme pressures and shock loading are encountered.

APPLICATION:

This oil is recommended for inboard and outboard gear cases from major global manufacturers including Evinrude, Johnson, Mariner, Suzuki, Honda, Yamaha, Tohatsu, Nissan, requiring API GL 5 quality oils. May not be suitable for some models which call for special fluid (particularly jet units). Please check user's manual prior to selection of lubricant.

FEATURES & BENEFITS:

- Frictional properties : easy gear shifting.
- Anti-wear protection : long transmission life.

PERFORMANCE STANDARDS: Meets or Exceeds:

- API GL-5
- MIL-L-2105 D

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	MARINE OUTBOARD GEAR OIL
Grade			80W-90
Density at 15°C	ASTM D4052	g/ml	TBR
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	147
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	14.7
Viscosity index	ASTM D2270	-	99
Pour Point	ASTM D6892	°C	-33
Brookfield viscosity at -26 C	ASTM D2983	mPa.s	120000
Flash Point COC	ASTM D92	°C	215

DISCLAIMER: The test data provided above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.lubrex.net

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.lubrex.net

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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