



Shell Nautilus *Outboard Oil*

Two-stroke outboard oil

Shell Outboard Motor Oil is a high quality lubricant for the lubrication of two-stroke gasoline outboard motors.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

■ Performance Specifications

Shell Nautilus Outboard Oil exceeds the requirements of all major outboard motor manufacturers and all industry specifications.

Certified by NMMA (National Maritime Manufacturers' Association) for service TC-WII at the manufacturer's recommended fuel/oil ratio (up to 50:1)

Main Applications

All two-stroke gasoline outboard motors with or without separate oil tanks.

Specifications, Approvals & Recommendations

■ NMMA TC-WII

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

Typical Physical Characteristics

Properties			Method	Shell Nautilus Outboard Oil
Kinematic Viscosity	@40°C	cSt	IP 71	34.7
Kinematic Viscosity	@100°C	cSt	IP 71	6.5
Density	@15°C	kg/l	IP 365	0.870
Flash Point (PMCC)		°C	IP 34	77
Pour Point		°C	IP 15	-39

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

■ Health and Safety

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

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.epc.shell.com/>

■ Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

■ Self-Mixing Properties

Shell Nautilus Outboard Oil is a self-mixing oil. It is blended to the correct viscosity for use in oil injection systems fitted to two-stroke gasoline outboard motors.

■ Advice

Advice on applications not covered here may be obtained from your Shell representative.