



## MARINE FC-W

### PRODUCT DESCRIPTION:

Marine FC-W is a high-performance four stroke inboard / outboard engine oil. It meet the performance requirements of the NMMA (National Marine Manufacturers Association) FC-W oil standard. It maintain peak engine performance and reliability by providing outstanding wear and corrosion protection as well as minimizing deposits and reducing oil consumption, thus extending engine life.

### APPLICATION:

Recommended for inboard / outboard engines made by Mercury, Bombardier, Yamaha, Suzuki, Honda, Nissan, Volvo Penta, and Indmar.

### FEATURES & BENEFITS:

- Maintains high-power output
- Superior piston cleanliness and minimizes deposit formation
- Reduces maintenance cost due to enhanced lubricity
- Trouble free operation
- Maximizes spark plug life

### PERFORMANCE STANDARDS: Meets or Exceeds:

- NMMA FC-W
- API SM

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	MARINE FC-W			
			10W-30	10W-40	20W-40	25W-40
Grade			10W-30	10W-40	20W-40	25W-40
Kinematic Viscosity @ 104°F / 40°C	ASTM D7042	cSt	76.2	100.2	125	145.5
Kinematic Viscosity @ 212°F / 100°C	ASTM D7042	cSt	11.9	14.90	15.2	15.0
Viscosity Index	ASTM D2270	-	152	156	126	104
SP. Gravity @ 60°F	ASTM D4052	g/cm <sup>3</sup>	0.869	0.870	0.890	0.890
Flash Point (min)	ASTM D92	°C	230	230	236	238
Pour Point (max)	ASTM D97	°C	-36	-36	-24	-24
TBN	ASTM D2896	mgKOH/g	7.3	7.3	7.3	7.3

### 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](http://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](http://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.

™ Trademark of LUBREX, registered in various countries © 2005

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which LUBREX and its affiliates assume legal responsibility.