



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

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# PRODUCT DATA SHEET

## FC-W OUTBOARD OILS

### DESCRIPTION

**Hi-Tec FC-W Outboard Oils** are semi-synthetic 10W-30 and 25W-40 lubricating oils developed to meet the changing needs of and increasing severity of performance required of four stroke outboard engines. **Hi-Tec FC-W Outboard Oils** meet the performance requirements of the NMMA (National Marine Manufacturers Association) FC-W oil standard.

**Hi-Tec FC-W Outboard Oils** 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.

### CHARACTERISTICS

The combination of premium grade synthetic and mineral base oils with specially designed marine grade additives has produced Four Stroke Outboard Motor Oils which meet the FC-W requirements.

Outboard manufacturers require improved lubricant performance in the area of:

- Rust protection
- Ring sticking
- Ring wear
- Lubricity
- Detergency

**Hi-Tec FC-W Outboard Oils** satisfy all of the above improved performance requirements. In addition they use an additive system designed to reduce the tendency of older oils to form gels or to become hazy during storage or at low temperatures.

### APPLICATIONS

**Hi-Tec FC-W Outboard Oils** are the prime recommendation for four stroke outboard engines such as Johnson, Evinrude, Mercury, Chrysler, Suzuki, Yamaha and Tohatsu.



AUSTRALIAN FAMILY OWNED SINCE 1989





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### SPECIFICATIONS:

NMMA FC-W

### TYPICAL TESTS

### ASTM METHOD

### FC-W OUTBOARD OIL

API Grade		10W-30	25W-40	
Item Code		HI8-2137	HI8-2136	
Appearance		Amber	Amber	
Density, kg/L	at 15°C	D.1298	0.869	0.870
Viscosity, cSt	at 100°C	D.445	11.9	13.7
	at 40°C	D.445	80.8	123.1
Viscosity Index		D 2270	142	108
Ash, Sulphated % Mass		D874	0.872	0.913
Flash Point, PMCC, °C		D.93	222	229
Pour Point, °C		D.97	-24	-21
Total Base Number		D.2896	6.57	7.62
Nitrogen, % Mass		D.5291	0.076	0.079

"The facts stated and the recommendations made herein are believed to be accurate. No guarantee of their accuracy is made however, and unless otherwise expressly provided in written contract, the products are sold without conditions or warranties, expressed or implied. Purchasers should determine the suitability of such products for their particular purposes."

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