



GULF WESTERN OIL
THE TOUGH AUSTRALIAN

FOUR STROKE FC-W ENGINE OIL

SEMI-SYNTHETIC CATALYST COMPATIBLE MARINE ENGINE OIL

DESCRIPTION

FOUR STROKE FC-W ENGINE OIL is a range of Catalyst Compatible Marine Engine Oils meeting the warranty requirements of all 4-Stroke Outboard motors from Mercury, Johnson/Evinrude, Yamaha, Mariner, Force, Suzuki, Tohatsu as well as Volvo Penta, MerCruiser and other stern drive petrol engines requiring an oil that meets the NMMA FC-W, FC-W (CAT) or API SM or earlier performance standards.

Suitable for all four stroke engines as used in All Terrain Vehicles, Personal Water Craft, Snowmobiles and Motorcycles including those with wet clutch operation.

Available in three viscosity grades to ensure suitability for all climates and operating conditions.

SUMMARY OF BENEFITS

- Suitable for inboard and outboard marine 4-Stroke engines
- Compatible with all exhaust systems including protection for modern catalytic converters
- High levels of corrosion protection not able to be delivered with a passenger vehicle engine oil
- Semi-synthetic formulation for improved cold flow as well as high temperature protection
- Exceptional wear protection and lubricity
- Superb engine cleanliness
- Excellent protection for highly stressed engines including those with superchargers

SPECIFICATIONS

FOUR STROKE FC-W ENGINE OIL meets the following international performance specifications:

- SAE 10W-30, 10W-40 and 25W-40 viscosity grades
- NMMA FC-W (CAT)
- NMMA FC-W
- API SM
- JASO MA

STORAGE

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

HEALTH, SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

GULF WESTERN PREMIUM QUALITY LUBRICATING OILS (AUST) PTY LTD

Head Office: 92-96 Links Road, St Marys NSW 2760 - PO BOX 515 Kingswood, NSW 2747

Phone: 02 9673 9600 - **Fax:** 02 9623 6466 - **Email:** sales@gulfwestern.com.au - **Web:** www.gulfwestern.com.au

ACN: 087 558 398



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PRODUCT DATA SHEET

FOUR STROKE FC-W ENGINE OIL

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TYPICAL CHARACTERISTICS

FOUR STROKE FC-W (CAT) ENGINE OILS	Test Method	Units	10W-30	10W-40	25W-40
Density @ 15°C	ASTM D7042	kg/L	0.865	0.865	0.88
Kinematic Viscosity					
@ 40°C	ASTM D7042	cSt	79.3	98.8	144.8
@ 100°C	ASTM D7042	cSt	11.7	14.4	15.5
Viscosity Index	ASTM D2270	-	141	151	110
Apparent Viscosity	ASTM D5293	°C			
@ -25°C			6100	6075	
@ -10°C					5100
Total Base Number	ASTM D2896	mg KOH/g	7.9	7.9	7.9

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

AVAILABLE PACK SIZES

10W-30: 1L - 301111, 4L - 304111, 20L - 320111, 205L - 300111

10W-40: 1L - 60182, 4L - 60482, 20L - 62082, 205L - 60082

25W-40: 1L - 301110, 4L - 304110, 20L - 320110, 205L - 300110

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