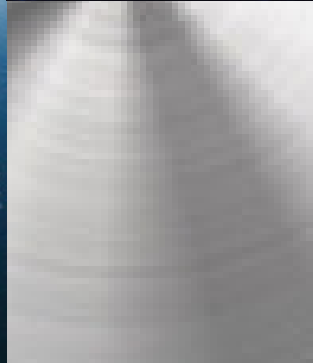


OIL



FC-W & TC-W3 Motor Oils

- Motor oils use blue bottles with blue caps
- Color coded by blend; mineral, semi-synthetic, full synthetic
- All oils meet FC-W and TC-W3 standards.



Sierra Two-Cycle Oil

- All Sierra two-cycle oils meet the NMMA standards for TC-W3 engine oil.
 - Premium Blend – Carbureted and first generation EFI.
 - Direct Injection – HPDI, Ficht, E-TEC (XD-50), DFI.
 - Full Synthetic – E-TEC (XD-100)
 - All TC-W3 oils are backwards compatible. A customer with a carbureted outboard could run Sierra Full Synthetic if he wants the benefits of a full synthetic.
- All blends are proprietary and meet or exceed the OEM standards they are designed to replace.
- All blends use Group II base oils.
- Sierra's three TC-W3 oils allow a dealer to have a compatible oil for every two-cycle outboard engine currently in production.



Sierra Two-Cycle Oil

- **Premium Blend**
(Pint, Quart, Gallon, 2.5 Gallon, 16 Gallon Drum, 55 Gallon Drum)
- **Direct Injection Synthetic Blend**
(Gallon, 16 Gallon Drum, 55 Gallon Drum)
- **Full Synthetic Blend**
(Quart, Gallon, 55 Gallon Drum)



Sierra Four-Cycle Oil

- All lubricants are unique formulations proprietary to Sierra that are based on the base oil and additive package of the OEM lubricant they replace.
- All four cycle oils meet both NMMA FC-W and API SL category rating standards.
- Blended from Group II base oils.
- All 4-stroke motor oils are FC-W Certified with the NMMA except Full Synthetic SAE 30.
 - SAE 30 has an additional additive that makes it SL/CF grade for use in non-direct injection diesel engines. This eliminates the FC-W certification. Volvo oil is not FC-W either because of the same SL/CF grade. The oil meets the specs for FC-W but can not be NMMA certified.



Sierra Four-Cycle Oil-Outboard

- **10W-30 Premium Blend**
(Quart, Gallon, 55Gallon Drum)
- **25W-40 Synthetic Blend**
(1 Liter Bottle, 4 Liter Bottle)
- **25W-50 Synthetic Blend**
(1 Liter Bottle, 4 Liter Bottle 16 Gallon Drum)
- **10W-30 Full Synthetic Blend (Volvo)**
(Quart, Gallon)
- **10W-40 Semi-Synthetic Blend (Suzuki)**
(Quart, Gallon, 16 Gallon Drum, 55 Gallon Drum)



Sierra Inboard/Stern Drive Oil

- 15W-40 Premium Blend-Diesel
(Quart, Gallon, 5 Gallon, 16 Gallon Drum, 55 Gallon Drum)
- 10W-40 Semi-Synthetic Blend
(Quart, Gallon, 16 Gallon Drum, 55Gallon Drum)
- 25W-40 Premium Blend
(Quart, 5 Quart Bottle, 55 Gallon Drum)
- 25W-40 Synthetic Blend
(Quart, 5 Quart Bottle, 55 Gallon Drum)
- 10W-30 Full Synthetic Blend
(Quart, Gallon)
- SAE 30 Full Synthetic Blend
(Quart, 5 Quart Bottle QS does not offer, 55 Gallon Drum)



Sierra Inboard Diesel Oil

- 15W-40 Premium Blend-Diesel
(Quart, Gallon, 5 Gallon, 16 Gallon Drum, 55 Gallon Drum)

Meets the following certifications:

- API (American Petroleum Institute)
- CI4-Plus/SL (2007 and earlier has a TBN Total Base Number which allows for extended drain intervals it has a higher lubricating value than new specs CJ-4)
- Volvo VDS-3
- Cummins CES 20078, 20077 & 20076



Prior Mercury Oil Matrix

Item #	4-Stroke Oil Description	Comments
1	10W30 Outboard (Mineral)	<30HP outboards; especially w with manual start
2	25W40 Outboard (Blend)	All outboards; mainly >40HP
3	25W40 Sterndrive (Blend)	Non-catalyst sterndrives; same oil as #2
4	25W40 Sterndrive (Mineral)	Non-catalyst sterndrives; cannot be used in outboards
5	25W50 Hi-Performance (Blend)	for Verado and HP/Racing engines
6	20W40 Sterndrive (Catalyst Compatible)	Can use in ALL sterndrives but cost is relatively high



Mercury New 4-Stroke Oil Matrix (All CAT Compatible)

1.



**10W30
MINERAL**

2.



**25W40
MINERAL**

3.



**25W40
SYN BLEND**



NEW---Catalyst Compatible Oils

- Formulated for the newer engines equipped with catalytic emission systems.
- Can be used on engines with or without catalytic emission systems.
- Approved for all Outboard, Sterndrive and Inboard applications
- All formulations are FC-W CAT Compatible and NMMA Certified.
- Utilizing an advanced highly thermally stable “ZDDP” anti wear additive to prevent phosphorus depletion and extend the emission catalyst life while still providing excellent anti-wear protection.



NEW—Catalyst Compatible Oils

- 3 New formulations added to Sierra offering
 - 25W-40 Mineral CAT compatible (18-9400CAT series)
 - Quart, 5 Quart and 55 Gallon Drum
 - 10W-30 Mineral CAT compatible (18-9420CAT series)
 - Quart, Gallon and 55 Gallon Drum
 - 25W40 Syn Blend CAT compatible (18-9440CAT series)
 - Quart, 5 Quart and 55 Gallon Drum

