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## PRODUCT BULLETIN

### **PETROFLO XO SYNTHETIC BLEND API SN MOTOR OIL ILSAC GF-5 5W-20, 5W-30, 10W-30, 10W-40, 20W-50, 30W, 40W**

**PetroFlo XO Synthetic Blend Motor Oils** are fully licensed to meet or exceed the latest automotive manufacturers' requirements of API SN and SN-RC. **PetroFlo XO Synthetic Blend Motor Oils** 5W-20, 5W-30, and 10W-30 are fully licensed to meet and exceed ILSAC GF-5 requirements for use in passenger car, SUV and light duty truck gasoline engines. **PetroFlo XO Synthetic Blend Motor Oils** Motor Oils show improved high temperature deposit control, oil consumption and fuel economy **PetroFlo XO Synthetic Blend Motor Oils** 5W-20, 5W-30, 10W-30, 10W-40 and 20W-50 are synthetic blend premium motor oils that provide better low temperature pump ability and protection.

**PetroFlo XO Synthetic Blend Motor Oils** Motor Oils are highly refined paraffinic base oils, compounded to exacting specifications. They have a natural high viscosity index, and a highly superior additive package that protects against rust, corrosion, oxidation and wear of moving parts. A detergent dispersant provides control of sludge and varnish.

**PetroFlo XO Synthetic Blend Motor Oils** are the engine oils of choice for passenger cars, light trucks, powerboats, motorcycles, and other stationary and mobile equipment.

### Features / Benefits

- Excellent low-temperature pump ability
- Excellent resistance to foaming and aeration
- High shear stability
- Excellent Fuel Economy
- Excellent volatility for low oil consumption
- Excellent protection from deposits at all operating temperatures
- Excellent cold-cranking capabilities
- Excellent anti-wear, anti-foam, bearing corrosion and anti-rust protection
- Advanced varnish & sludge protection
- Extended drain capability for non-EGR diesel engine
- Superior Synthetic Blend Protection against thermal breakdown (5W-20 & 5W-30)
- Meets or exceeds API Resource Conserving (RC) standards (5W-20, 5W-30, 10W-30) ILSAC GF-5 Certified (5W-20, 5W-30, 10W-30)

See Technical Data on page 2.

## Applications

**PetroFlo XO Synthetic Blend Motor Oils** meet current and previous API license service classifications: API SN, SM, SL, SJ, SH, SG, SF and ILSAC GF-5, GF-4, GF-3, GF-2 & GF-1 on applicable viscosity grades.

**PetroFlo XO Synthetic Blend Motor Oils** Motor Oils are recommended for the following uses:

- When Ford WSS-M2C945-A or WSS-M2C946-A is specified
- When Chrysler MS-6395S is specified

**PetroFlo XO Synthetic Blend Motor Oils** Motor Oils are available in 5 multi-viscosity grades to comply with most passenger car and light duty truck engine applications. Two single-viscosity grades are also available.

Follow equipment manufacturer recommendations for specific applications.

### TYPICAL CHARACTERISTICS

<b>PetroFlo XO Synthetic Blend Motor Oils API SN and ILSAC GF-5</b>								
Properties	Test Method ASTM D-	Typical Results						
SAE Viscosity Grade		5W-20	5W-30	10W-30	10W-40	20W-50	30	40
API Gravity	1298	32.76	33.0	31.5	31.73	29.76	29.98	29.01
Flash Point, COC °C/°F	92	215/420	215/420	220/430	220/430	238/410	218/425	220/430
Pour Point, °C /°F	97	-47	-47	-41	-41	-35	-32	-23
Viscosity cSt@40°C	445	49.10	63.02	68.20	105.63	154	86.9	123.31
cSt@100°C		8.58	10.55	10.5	15.25	18.28	11.10	13.98
Viscosity Index	2270	152	157	141	151	133	115	110
API Service Category		<b>API Licensed for SN, also meets SM, SL, SJ</b>						
API ILSAC GF-5		Yes	Yes	Yes	No	No	No	No
API (RC)Resource Conserving		Yes	Yes	Yes	No	No	No	No

Typical properties are average values only. Minor variations that do not affect product performance are to be expected during normal manufacture, at different blending locations. Product formulations are subject to change without notification.