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Tel: (305)681-6110 Fax: (305)681-0906 / Miami, FL 33167 www.PETRO-FLORIDA.com

PRODUCT SPECIFICATIONS & TECHNICAL DATA

SYNTHETIC BLEND 15w-50 MOTOR OIL Specification Sheet

PETROFLO BRAND SYNTHETIC BLEND 15w-50 MOTOR OIL is a premium quality, high performance motor oil. The unique combination of high performance synthetic fluids and proprietary additive systems enables **Petro-Flo SYNTHETIC BLEND MOTOR OIL** to offer advantages beyond their conventional SAE viscosity grade counterparts. Conventional mineral oils thicken or thin dramatically with changes in temperature. To compensate for this weakness, manufacturers add thickeners to conventional multi-grade oils to slow thinning as engine temperatures rise. **Petro-Flo SYNTHETIC BLEND MOTOR OIL** has a naturally high resistance to changes in viscosity due to temperature and requires less of these thickeners. This results in a heavier, more stable protective oil film for engine bearings piston rings than provided by similar SAE viscosity grade mineral oils. **Petro-Flo SYNTHETIC BLEND MOTOR OIL** protects engines up to 204°C (400° F.). It contains fewer impurities, so it protects better than conventional oils in cold weather. **Petro-Flo SYNTHETIC BLEND MOTOR OIL** is fully compatible with mineral-based and conventional engine oils.

BENEFITS:

- Excellent Engine Protection during High Temperature Operation
- Extend Engine Life by Reducing Wear
- Provide Faster Cold Starts at Low Temperatures
- Improved Oil Flow
- Prevent Oil Breakdown and keeps Engines Cleaner
- Reduce Oil Consumption
- Maximum Reserve Capacity

APPLICATIONS:

- Passenger car
- Light Trucks either Gasoline or Diesel Engines. Meet and/or exceed the manufacturer's requirements API service SN,SM,SL, SJ or CF.

PETROFLO BRAND SYNTHETIC BLEND MOTOR OIL 15W-50 flows at -45° C pumps at temperatures as low as many conventional SAE 5W-30 oils. **PETROFLO BRAND SYNTHETIC MOTOR OIL 15W-50** provides superior high-temperature protection for high performance and high revving cars. **PETROFLO BRAND SYNTHETIC BLEND MOTOR OIL 15W-50** contains additional wear protection required for racing type engines.

PETROFLO BRAND SYNTHETIC BLEND MOTOR OIL 15W/50 can be used where SAE 15W/40, 15W/20, 20W/50, 15WT, 20WT, 30WT, 40WT or 50WT grade viscosity is recommended.

TYPICAL ANALYSIS

SAE GRADE	15W-50
GRAVITY, API	32.5
Specific Gravity	0.863
Pour Point © F.	-45(-49)
Flash Point © F.	
ASTM D-92	255°(491°)
VISCOSITY	
Cold Cranking	5,234 @-
CP @ ©	20°
Cold Pumping	
CP @ ©	14,050 @-
Kinematic cSt @	40° ©
Kinematic cSt @	124.7
100° ©	17.4
Pumpability Limit	
°© F.	-37°(-35°)
Viscosity Index	155

The above analyses are typical inspections only and the finished product may vary from batch to batch.