



**OUR BUSINESS IS HEAVY DUTY LUBRICANTS**

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

## PRODUCT SPECIFICATIONS & TECHNICAL DATA

### *Full Synthetic Multi-Viscosity Motor Oil Specification Sheet*

**PETROFLO BRAND SYNTHETIC 15w-50 MOTOR OIL** is manufactured from 100% synthetic base stocks. The unique combination of high performance synthetic fluids and proprietary additive systems enables **Petro-Florida SYNTHETIC 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. **PETROFLO BRAND SYNTHETIC 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. **PETROFLO BRAND SYNTHETIC MOTOR OIL** protects engines up to 204°C (400° F.). It contains fewer impurities, so it protects better than conventional oils in cold weather. **PETROFLO BRAND SYNTHETIC MOTOR OIL** is fully compatible with mineral-based, conventional, and synthetic blend 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.

## 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.

**PETROFLO BRAND SYNTHETIC 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 MOTOR OIL 15W-50** contains additional wear protection required for racing type engines.

**PETROFLO BRAND SYNTHETIC 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.