



**OUR BUSINESS IS HEAVY DUTY LUBRICANTS**

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## PRODUCT SPECIFICATIONS & TECHNICAL DATA

### *Full Synthetic 0w-20,5w-20 Motor Oil Specification Sheet*

**PETROFLO 0w-20 and 5w-20 SYNTHETIC MOTOR OIL** is manufactured from 100% synthetic base stocks. The unique combination of high performance synthetic fluids and proprietary additive systems enables **PETROFLO 0w-20 and 5w-20 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 0w-20 and 5w-20 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 0w-20 and 5w-20 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 0w-20 and 5w-20 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:**

- This oil is designed for use in U.S, European, and Japanese passenger cars, vans, sport utility vehicles, light duty trucks either Gasoline or Diesel Engines, propane and natural gas engines. Meet and/or exceed the manufacturer's requirements API service SN,SM,SL, SJ or CF.

**PETROFLO BRAND** Super Synthetic Engine Oil

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**TYPICAL ANALYSIS**

<b>SAE GRADE</b>	<b>0W-20</b>	<b>5W-20</b>
Specific Gravity	0.847	0.862
Pour Point © F.	-49°	-46°
Flash Point © F.	205°	203°
Cold Cranking CP @ © 35°	5879 @-	4771 @-
Kinematic cSt @ 40° ©	45.1	49.5
Kinematic cSt @ 100° ©	8.6	8.8
Viscosity Index	171	158
Energy Conserving	YES	YES
Zinc, ppm	875	875
Phosphorus, ppm	770	770

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