



## **PRODUCT BULLETIN**

5w/20, 5w/30, 10w/30, 10w/40 PCMO Synthetic Blend Motor Oil

PCMO Synthetic Blend delivers exceptional performance and protection for vehicles of all ages. Combining carefully selected conventional and synthetic base oils with our most robust additive package to date provides unmatched protection against Low Speed Pre-Ignition even in the most advanced turbo charged applications. PCMO Synthetic Blend utilizes this new additive technology to keep dirt and other contaminants that rob your engine of power out while also ridding the system of sludge and other harmful deposit buildups.

PCMO Synthetic Blend exceeds the performance requirements of API's Resource Conserving "SP" and car manufacturers' ILSAC GF-6A classification as well as all prior classifications providing the latest technology in fuel economy standards while also maintaining best in class wear control, cleanliness, protection against sludge, and oxidation control.

PCMO Synthetic Blends was developed in part to provide better vehicle fuel economy, oxidative stability, and piston deposits. These improvement needs are a result of a drive to smaller engines without a sacrifice of power. Technology such as "Eco- Boost (Turbo Charge), in combination with small engines, provides better fuel economy while maintaining the performance level of the larger engine designs. This technology significantly increases pressure on the lubricant in the form of heat and a need to control wear and deposits.

## **FEATURES**

Low Speed Pre-Ignition (LSPI)• Protection for small displacement turbo-charged GDI engines.  
Excellent Fuel Economy

- Drive an extra 580 miles per year on average
- "Resource Conserving" approved
- Maximize Horsepower
- Protects engine components from wear leading to loss of power
- Extreme Condition Performance
- Industry leading high temperature deposit control
- Engine Cleanliness
- Up to 40% cleaner pistons than the industry standard
- Extremely low volatility providing extended drain protection

## **SPECIFICATIONS & APPROVALS**

PCMO Synthetic Blend exceeds all the following performance requirements or OEM specifications:

- API SP and prior classifications
- ILSAC GF-6A and prior classifications
- ACEA A5/B5-16
- Fiat H2, M2, N2

Ford WSS-M2C945-B1, Ford WSS-M2C946-B1

- PCMO Synthetic Blends



Product Code (80565-)	086	087	088	089	090
SAE Grade	5W-20	5W-30	10W-30	10W-40	20W-50
Viscosity @ 40°C, cSt	45.94	51.25	74.28	113.1	165.80
Viscosity @ 100°C, cSt	8.317	9.828	11.17	16.00	19.64
Viscosity Index	158	158	141	151	136
Pour Point, °C	-48	-45	-40	-38	-37
HTHS @ 150°C	>2.64	>2.94	>3.14	>3.99	>5.0
Flash Point, °C (COC)	201.2	201.2	205	205	208
NOACK Volatility	<15%	<13.4%	<8.9%	<9.1%	<5.9%

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- Special Handling, Notices, or Warnings
- Avoid contact with skin. Rinse with soap and water immediately after skin contact. This product is unlikely to present significant health hazards. Dispose of used oil properly.