

# **Break-In** Motor Oil

## **Special High Zinc Formulation**

# 10W45

1 US Gallon (3.78L)

Part# 052-181045

**25.99**



### **SynMax Break-In Motor Oil Product Information:**

SynMax Break-In Motor Oil is a proprietary formulation (SAE 10W45 is equal to a heavy duty multi-grade SAE 10W40 or Straight SAE30) requiring no additional additives. Designed specifically for Engine Builder Dyno and Customer Break-In, Power-Up, and Final Engine Cleansing procedures. Premium Petroleum Base Oil with the highest allowable amounts of Zinc/Phosphorus, special low detergency and parts mating additives for superior protection and cleansing. Hi-performance or standard engine applications with flat-tappet, roller or hydraulic cams. Excellent piston ring / cylinder wall sealing performance for maximum compression and horsepower generation.

### **Application and Use:**

- General purpose engine builder dyno oil or customer use; after engine build completion / delivery.
- Hi-Performance Racing 100HP to 1500HP+ ALSO Standard, Commercial and Heavy Duty applications.
- Compatible with methanol and high-octane race fuels. • **NOT INTENDED FOR LONG TERM PERIODS OF USE.**
- **FORMULATED SPECIFICALLY FOR SHORT TERM BREAK-IN SESSIONS ONLY.**
- **AFTER BREAK-IN PERIOD SESSION HOT DRAIN OIL IMMEDIATELY REPLACE OIL FILTER. THEN FILL/REPLACE WITH SYNMAX RACING OR SYNMAX™ STREET/ HEAVY DUTY PERFORMANCE MOTOR OILS (AS REQUIRED) FOR DIAMOND LIKE ADDITIVES TO ABSORB INTO METAL SURFACES INCREASING PERFORMANCE AND COMPONENT DURABILITY.**

### **Features and Benefits**

- SynMax Break-In™ Proprietary formulation package evens out micro sized peaks and valleys of mating parts for increased engine power, and compression performance with overall component durability.
- Highest allowable Zinc (ZDDP) anti-wear levels (2000 ppm); requiring no additional EOS type additives.
- Proprietary Tackiness- promotes oil to stay upon part surfaces while increasing mating effectiveness.
- SUPERIOR piston ring / cylinder wall sealing and cam / follower mating performance.
- MAXIMUM component protection during Break-In procedures including; camshaft, flat tappet, roller cam and valve train parts, including wrist pins, distributor gears, push rods and valve retainers etc.
- 100% paraffin petroleum base oils flow through the engine parts, during low to high RPM requirements.
- High temperature/high shear performance, creating excellent oil film thickness and engine protection at operating temperatures; minimizing frictional resistance upon bearings & rolling or sliding components.
- Specifically formulated Break-IN detergency and base oil package; cleanses metal surface of particles and other contaminants both large & micron small. Suspending & flushing away the said particles and contaminants within the oil through suggested break-in procedures at hot oil drain w/ filter change.
- Consult SynMax Tech. Data Sheet for Engine Basic Procedures for Improved Break-In Performance.

### **Customer Final Break-In / Power Up & Engine Cleaning:**

Even if the OEM or engine builder provides the engine with break-in testing procedure or dyno power up time; it is further suggested for the end user (as time permits) to have one additional session for final break-in / cleaning procedure to flush engine of remaining particles and contaminants best as possible. **ESPECIALLY FOR 100% ALLUMINUM DESIGNED MOTORS SUCH AS THE GM LS AND OTHERS.**

[www.SynMaxPerformanceLubricants.com](http://www.SynMaxPerformanceLubricants.com)