



## **SYNMAX™ BREAK-IN UNIVERSAL GEAR LUBE SAE 80W-90**

### **TECHNICAL DATA SHEET – PRODUCT NUMBER 188090**

#### **SynMax™ Break-In Gear Lube Product Information:**

SynMax™ Break-In Gear Lube is a 100% petroleum product specifically designed for Transmission & Differential Break-In, Parts Mating and Component Cleansing Procedure(s). Premium Petroleum Base Oils with our special designed break-in formulation, including the highest allowable amounts of anti-wear additives for protection & cleansing.

#### **Applications & Use:**

- Universal Transmission & Differential Gear Lube for Break-In Purposes.
- Hi-Performance, Heavy Duty, Racing and Standard drive-train applications.
- Designed for short term Break-In & Component Cleansing procedures ONLY (Time: 1 – 3 hours).

**SYNMAX™ BREAK-IN PRODUCT IS FORMULATED SPECIFICALLY FOR SHORT TERM BREAK-IN SESSION(S) ONLY - NOT FOR LONG TERM PERIODS OF USE.**

**AFTER BREAK-IN PERIOD SESSION HOT DRAIN OIL & IMMEDIATELY FILL/REPLACE W/ SYNMAX™ – SYNTHETIC PERFORMANCE GEAR LUBE / FLUID AS REQUIRED**

#### **Features & Benefits:**

- Special designed SynMax™ break-in gear lube formulation evens out micro sized peaks and valleys of the mating parts for increased power / performance with overall component durability.
- Highest allowable anti-wear formulation.
- Requires no additional protection additives.
- MAXIMUM protection during Ring & Pinion or Synchronesh Gear Break-In procedures.
- 100% Paraffin Petroleum Base Oil shall flow through the gear and bearing parts, from low to high RPM requirements. High temperature/high shear performance, creating excellent oil film thickness and component protection at operating temperatures, while minimizing lubricant frictional resistance upon bearings and gears.
- Heavy Duty Additives; cleanses metal surface of particles, and other contaminates both large and small. Further suspending particles and contaminates within the oil through suggested break-in procedures; further to be flushed away at hot oil drain.

#### **Additional Need for Break-In & Component Cleansing:**

Even if the OEM or Drive-train builder provides the components with testing procedure or break-in (Run-In) time, it is further suggested for the end user (as time permits) to have one additional session for final break-in to mate parts together and importantly cleanse components of metal particles and contaminates, before the use of SynMax™ Performance Lubricants either Competition Racing or other use.



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**Key Features and Benefits Include:**

<b>Features</b>	<b>Advantages and Potential Benefits</b>
Premium Petroleum Base Oils.	Provides viscosity stability and lubrication performance durability during standard and extreme Break-In or Run-In requirements.
Special Break-In & Detergency additives	Outstanding Break-In performance to mate parts together then further cleanse and suspend metal particles with contaminants to be flushed away at hot oil drain.
Anti-wear additives	Excellent protection upon bearings and mating parts during standard & extreme Break-In, Parts Mating or Run-In procedures.

**Typical Properties:**

<b>SynMax™ Break-In Universal Gear Lube SAE 80W90</b>	
SAE Grade	80W-90
Viscosity, ASTM D 445 cSt @ 40° C	200
Pour Point	-5F
Flash Point	440F

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

**Health and Safety**

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations are followed as provided in the Material Safety Data Sheet (MSDS). MSDS's are available via the Internet, or upon request through your local dealer. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment. Always keep out of the reach of children.

**SynMax Performance Lubricants Distributed by:**

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