



# **Break-In** Gear Lube Special High Zinc Formulation

**Universal For Transmission & Differential**

# 80W90

**1 US Quart (9.36 ML)**

**Part# 052-188090**

**10.49**



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

SynMax Break-In Gear Lube SAE 80W90 is specifically designed for Transmission & Differential (Rear End) Break-In sessions, Parts Mating, Component, Bearing and Internal Case Surface Cleansing Procedure(s). Premium 100% Petroleum Base Oils with proprietary High Zinc/Sulfur Anti-wear formulation, providing superior protection & cleansing performance.

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

Even if the components are brand new or freshly rebuilt; Industry standard requirement by most OEM or Drive-train Builders is to perform a proper break-in session for parts to mate together while simultaneously cleansing important components and holding case sub-surfaces of metal particles and contaminants both large and micron small. This standard process is normally performed by top level Professional Specialty Teams in NASCAR, NHRA etc.

#### **If Break-IN procedure is not performed:**

Non removed metal particles and contaminants will continually flow within the lube / oil causing abrasion and surface welding effects with irreversible damage; decreasing performance and component service life.

#### **Suggested Standard Drive-Train Break-In Procedures:**

Three (3) sessions of low, medium and extreme intensity increasing speed at each level, sessions should be about 10-20 minutes each. Allow components to rest and cool 30 minutes between hot sessions. (remember – metal when hot, needs to cool and recycle itself, which opens and closes the surface pore(s) – this releases contaminants for a complete cleansing process) After the last break-in session is fully complete immediately drain the break-in lube when still hot (do not allow lube to cool).

**SYNMAX BREAK-IN™ PRODUCTS ARE FORMULATED SPECIFICALLY FOR SHORT TERM BREAK-IN SESSION(S) OF 1 – 3 HOURS ONLY. NOT INTENDED FOR LONG TERM PERIODS OF RACING USE.**

**AFTER BREAK-IN PERIOD SESSION AND BREAK-IN HOT DRAIN LUBE COMPLETED. IMMEDIATELY FILL/REPLACE WITH SYNMAX™ – RACING SYNTHETIC GEAR LUBE / FLUID AS REQUIRED FOR SPECIAL DIAMOND LIKE ADDITIVES TO ABSORB INTO THE METAL SURFACES (WITH HEAT AND FRICTION USE) INCREASING COMPONENT DURABILITY AND PERFORMANCE.**

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

- SynMax Break-In gear lube formulation evens out micro sized peaks and valleys of the mating parts.
- Highest allowable anti-wear formulation and requires no additional protection additives.
- Proprietary Tackiness– this is to help stay upon parts to increase parts mating effectiveness.
- MAXIMUM protection during Ring & Pinion or Synchromesh Gear Break-In procedures.
- 100% Paraffin Petroleum Base Oil shall flow through the gear and bearing parts, from low to high RPM.
- Heavy Duty High Zinc / Sulfur Additives; cleanses metal surface of particles, and other contaminants both large and micron small; suspending particles and contaminants within the oil; further to be flushed away at hot oil drain through as suggested and conducted within proper break-in procedures.
- Can be used in Standard Automotive, Commercial as well as Heavy Duty and Racing Applications.

**www.SynMaxPerformanceLubricants.com**