



**OUR BUSINESS IS HEAVY DUTY LUBRICANTS**

Tel: (305)681-6110 Fax: (305)681-0906 / Miami, FL 33167 [www.PETRO-FLORIDA.com](http://www.PETRO-FLORIDA.com)

## PRODUCT SPECIFICATIONS & TECHNICAL DATA

### PETROFLO HEAVY DUTY S.A.P. EP 85W140

#### **HIGH TECHNOLOGY: PETROFLO HEAVY DUTY S.A.P. EP 85W140**

**PETROFLO ADVANCED SYNTHESIZED LUBRICANTS** MEETS OR EXCEEDS THE STANDARDS OF: MIL-L-2105 E; MACK GO-J, GO-J PLUS AND GO-H; CATEPILLAR GEAR OIL; API GL-5; ROCKWELL R-170 HEAVY TRUCK AXLE REQUIREMENTS; FULLER TRANSMISSIONS.

#### **DESCRIPTION:**

**PETROFLO HEAVY DUTY S.A.P. EP 85W140**, is a scientifically synthesized gear lubricant. It will provide superior anti-friction, anti-wear and extreme pressure lubrication.

It is made with carefully selected, and proven synthesized polymers to provide superior protection to gears, and bearings, under the most adverse temperature conditions, and the hardest operating service. It is designed for use as an all season gear lubricant, replacing SAE 90 and SAE 140.

#### **BENEFITS:**

- Extreme pressure agents;
- Long lubrication life;
- High thermal stability;
- Leak resistant;
- Anti-foam agents;
- Corrosion and rust inhibitors;
- High Timken OK Load;
- Cooler running gears;
- Protects gears when level of lubricant is low;
- Reduces fuel consumption;
- Super Oil cling to metal gear surfaces;
- Protects gears against sudden shock loads.

#### **APPLICATION:**

Primarily for heavy duty enclosed gear operation, found in transmissions, and rear end differential drives in trucking, construction, busing and other severe duty fleet operations. It also finds wide use in heavy duty transmissions and gear trains subject to high impact loads.



## OUR BUSINESS IS HEAVY DUTY LUBRICANTS

Tel: (305)681-6110 Fax: (305)681-0906 / Miami, FL 33167 [www.PETRO-FLORIDA.com](http://www.PETRO-FLORIDA.com)

### BENEFITS OF PETROFLO HEAVY DUTY S.A.P. EP 85W140

At start-up, conventional gear oil is flung to the sides of the gear box by the centrifugal force of the rotating gears. As the gear turns, the splashing action eventually provides lubrication. At the start-up, however, when metal-to-metal wear is heaviest, and when the gear box is not level, as on hills, the gears get little or no lubrication.

This gear oil is different. Immediately, as the gears start, it climbs up the gear teeth, it resists centrifugal force. It does not get flung to the sides of the gear box. It instantly coats the gears, provides positive lubrication at start-up and under all driving conditions, it minimizes or entirely eliminates the problem of gear boxes that run hot, noisy and leak.

**PETROFLO HEAVY DUTY S.A.P. EP 85W140** KEEPS IT PROPER VISCOSITY IN EXTREMES OF HEAT AND COLD. SILOGRAM S.A.P. GEAR 85W140 GETS PEAK PERFORMANCE YEAR ROUND UNDER ALL TEMPERATURE CONDITIONS.

### TYPICAL ANALYSIS

	ASTM	RESULT
API Gravity 60 F		24
Viscosity SUS @210 F		150
Flash Point F. COC		560
Pour Point F.		0
Moisture Corrosion 7 days		None
CRCL-33		
Thermal Oxidation Stability		Excellent
CRC 60		
Shear Stability after 50,000 miles and/or 2,000 hrs.		Superior
Polymer Strength	554	Superior
Climbing Rate	664	Immediate
Resistance to Centrifugal Force	762	Superior
Cling Power	868	Superior
Demulsibility-Water Separation	465	Superior
Rate or Reduction or Co-Efficient of Friction vs. Temperature Drop	477	Excellent
Resistant to Leakage	368	Excellent
Timken OK Load Lbs. Bearing		45,000 P.S.I.

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