



## PRODUCT SPECIFICATIONS & TECHNICAL DATA

### **SYNTHETIC GEAR OILS / CD-50 / EP 75W-90 / EP 80W-140**

**PREMIUM HEAVY DUTY CD-50 SYNTHETIC GEAR OIL** is a 100% Synthetic Transmission Lubricant specially formulated for extended drain and severe service in heavy duty manual transmissions.

#### **BENEFITS:**

- All climate year-round performance
- Improved component protection against wear, rust, corrosion, and oxidation deposits
- Easier cold weather shifting
- Extended drain interval; Improved fuel economy
- Extended warranty coverage at Eaton and Rockwell
- Meets Rockwell International 0-81
- Meets Eaton Transmission Division PS-081 & PS-109
- Meets PG-1 Performance Standard

**PREMIUM HEAVY DUTY SYNTHETIC EP 75W-90 and SYNTHETIC EP 80W-140 GEAR OILS** are 100% Synthetic extreme pressure GL5 gear lubricants that are compounded with synthetic base-stock fluids. These lubricants contain extreme pressure additives, as well as rust, oxidation, and corrosion inhibitor to protect gears, and bearing operating under a wide variety of load conditions. The high and low temperature performance of these products exceeds those of conventional gear lubricants.

#### **MEET OR EXCEEDS ALL PERFORMANCE REQUIREMENTS FOR:**

- Extended warranty coverage at Eaton; Eaton Axle Division PS –037
- Meet API GL 5
- Rockwell INT-0-76-E (75W-90), 0-76-B (80W-140)
- Mack Truck GL-H/S
- General Electric D5OE9C
- Harnischfeger (P & H) 474
- Axle Division Dana Corp
- PG-1, PG-2 Performance Standards
- MIL-L-2105D
- US Steel 224 Demulsibility; AGMA 250.03 Demulsibility



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**TYPICAL PROPERTIES**

<b>SAE GRADE</b>	<b>SYN GEAR CD-50 50W</b>	<b>SYN GEAR EP 75W-90 75W-90</b>	<b>SYN GEAR EP 80W-140 80W-140</b>
<b>Viscosity Cst @ 40° C</b>	135	126	271
<b>Viscosity Cst @ 100° C</b>	18.2	17.3	30.5
<b>Viscosity SUS @ 100° F</b>	694	647	1400
<b>Viscosity SUS @ 210° F</b>	92.9	89.1	149
<b>Viscosity CP @ -40°C/-40°F</b>	230,000	145,000	-
<b>Viscosity Index</b>	151	151	152
<b>Pour Point °F</b>	-40	-58	-25
<b>Flash Point °F</b>	225/440	204/400	200/395

These characteristics are typical of current production

Minor variations that do not affect product performance are to be expected during normal manufacture.

Due to continual product research and development the product formulations are subject to change without notifications.

