

# SuperSyn Gear Oil 80w140

## TECHNICAL PRODUCT INFORMATION



### **SuperSyn Gear Oil 80w140**

Super S SuperSyn Gear Oil 80w140 is a full synthetic, multipurpose, heavy duty gear lubricant formulated for heavy duty differentials that call for an API GL-5 type product. It is a thermally stable, extreme pressure lubricant designed to operate in both high and low temperature conditions for all season use, even in sub-zero temperatures.

### **FEATURES/ BENEFITS**

- **Outstanding Thermal Stability** allows operation in both high & low temperature conditions.
- **High Film Strength & Shear Stability** prolongs equipment life.
- **Excellent low temperature properties** promote oil flow to help protect gears & bearings even at sub-zero temperatures.
- **Includes rust, oxidation & corrosion inhibitors** for superior, long-term performance.

### **RECOMMENDATIONS**

Super S SuperSyn Gear Oil 80w140 is suitable for use where the following specifications are recommended:

- API GL-5, MT-1
- DANA SHAES 429 Rev. A
- Mack GO-J
- ArvinMeritor O76-B, O76-M
- General Electric D50E9C
- Harnischfeger (P&H) 474
- MIL-PRF-2105E
- International Truck & Engine TMS 6816
- U.S. Steel Specification 224
- AGMA Standard 250.03

### **APPLICATIONS**

- Rear wheel bearings and universal joints calling for an SAE 80w140 grade
- Transfer cases for automobiles, light & heavy duty trucks
- Farm equipment
- Heavy construction equipment calling for SAE 80w140
- Industrial gear applications
- Gear differentials calling for SAE 80w140
- Manual transmissions

### **SPECIAL HANDLING, NOTICES OR WARNINGS**

Take same precautionary measures as with any lubricant. Store in cool, well-ventilated area.

**TYPICAL CHARACTERISTICS**

<b>SuperSyn Gear Oil 80w140</b>		
<i>Properties</i>	<i>Test Method</i>	<i>Data</i>
Gravity, °API	D 287	23.6
Viscosity:		
@ 40°C, cSt	D 445	265
@ 100°C, cSt	D 445	28
@ -26°C, cP	D 2983	90000
@ -40°C, cP	D 2983	---
Viscosity Index	D 2270	140
Flash Point, °C (°F)	D 92	201 (395)
Pour Point, °C (°F)	D 97	< -40 (< -40)
Timken, OK Load	D 2509	85
FZG Gear Test		12

**PRODUCT NUMBERS**

SUS 218-5 35lb  
 SUS 218-16 120lb  
 SUS 218-55 400lb