

**SURE-CRAFT™**

**FINNING**

**S·O·S™**  
Fluid Analysis

[www.finning-sos.ca](http://www.finning-sos.ca)

## **HEAVY DUTY LUBRICANTS**

Economical, dependable lubrication

## **GEAR LUBRICANT**

### **PRODUCT DESCRIPTION**

A multigrade viscosity GL5 heavy duty gear lubricant for use over a wide range of temperatures in transmissions, axles, and final drives where an extreme pressure-type gear lubricant is required.

### **PRODUCT GRADES**

80W-90

### **API DESIGNATION**

GL-5

### **CHARACTERISTICS**

**SURE-CRAFT™** 80W-90 gear lubricant has been formulated for use in both heavy duty commercial and automotive applications where an extreme pressure hypoid gear lubricant is required. It contains a sulphur phosphorus EP additive for protection against scuffing and to minimize wear. Rust and corrosion are minimized by additives which protect against the effects of high humidity conditions.

**SURE-CRAFT™** 80W-90 will not foam in a gear case while its multigrade characteristics minimize energy requirements. Depending upon the range of ambient temperatures it has the potential for one grade all-season operation, eliminating the need for seasonal changes.

*Note* - Not suitable for complete refill of automotive limited slip differentials. See auto manufacturers recommendations for this application.

## Typical Characteristics

<b>SAE Grade</b>	<b>80W-90</b>
<b>Characteristics</b>	
Specific Gravity	.887
Colour, ASTM	>2.5
Pour Point	-27C
Flash Point, COC	218C
<b>Viscosity</b>	
<b>Kinematic</b>	
cSt(mm <sup>2</sup> /s) @ 40C	138.6
cSt(mm <sup>2</sup> /s) @ 100C	14.8
SSU @ 100F	734
SSU @ 210F	76.8
<b>Brookfield</b>	
cP @ -26C	137,000
Channel Point	-35C
Viscosity Index	110

## Performance Summary

	<b>80W-90</b>
APIGL-1	
APIGL-2	
APIGL-3	
APIGL-4	
APIGL-5	
MIL-L-2105C	
Mack GO-J approved	x
Outstanding shear stability	x
Excellent load-carrying ability	x
Potential for all-season use	x
Good low temperature properties	x