

## **PREMIUM HEAVY DUTY GEAR LUBRICANT**

**PRODUCT CODE: 31310, 31320**

### **DESCRIPTION**

49 NORTH® PREMIUM HD GEAR LUBRICANTS are an extreme pressure gear lubricant for the majority of gear cases. 49 NORTH® PREMIUM HD GEAR LUBRICANTS are designed to meet the widest range of needs in off-highway and on-highway vehicles which include trucking, agricultural, construction, and industrial equipment.

### **QUALITIES**

49 NORTH® PREMIUM HD GEAR LUBRICANTS are made from high quality base oils and an additive system to provide excellent extreme pressure (EP) properties, wear resistance, oxidation stability, anti-rust, and anti-corrosion qualities as well as protection against foaming. 49 NORTH® PREMIUM HD GEAR LUBRICANTS provide excellent protection against shock loading as well as protection for the sealing materials.

In some high load gearbox applications, such as a truck differentials, the oil film cannot be maintained constantly between the meshing surfaces – this phenomenon is called boundary lubrication. When boundary lubrication occurs, the superior EP additive performance in 49 NORTH® PREMIUM HD GEAR LUBRICANTS reacts with the surfaces and, in essence, provides a solid film lubrication that reduces wear and provides long gear life.

### **APPLICATIONS**

49 NORTH® PREMIUM HD GEAR LUBRICANTS are recommended for:

- API Service – GL-5, MT-1
- SAE J-2360
- MIL-PRF-2105E and old D, C, or B
- MACK GO-J, GO-H, GO-G
- Eaton
- Meritor/Rockwell O-76D, O-76A
- Limited slip differential

### **FEATURES & BENEFITS**

Superior EP properties reduce wear in heavily loaded gear sets where hydrodynamic lubrication may not be complete.

Excellent oxidation stability reduces oil degradation from high temperatures and enables long drain intervals.

Outstanding protection against rust and corrosion assures protection of the gear box materials from contamination.

Superior foam reduction aids in reducing oxidation and fluid film break down.

### **CONTACT**

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### TYPICAL PROPERTIES

SAE Viscosity Grade	80W-90	85W-140
Product Code	31310	31320
API Gravity	27.7	26.0
Viscosity @ 40°C, cSt	152.4	357.7
Viscosity @ 100°C, cSt	15.1	26.6
Viscosity Index	99	99
Pour Point, °C	-30	-24
Flash Point, °F (°C)	400 (210)	435 (225)
Brookfield cP @ -26C	80,000	-52,000

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

### HEALTH & SAFETY

A complete Safety Data Sheet (SDS) is available upon request. Used oil contains by-products which may be harmful.

### PACKAGE SIZES

Available in bulk, 1211 L totes, 208 L drums, 20 L pails

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