



## SS 75W-90, 80W-140 UNIVERSAL GEAR LUBRICANTS

### DESCRIPTION

49 NORTH® SS UNIVERSAL GEAR LUBRICANTS provide full synthetic performance and are designed to operate over wide operating temperature ranges with a high level of efficiency and thermal stability. Tests have shown that the significant reductions in friction provided by these superior products produce annual fuel savings for OTR tractors in the order of 3%.

### QUALITIES

49 NORTH® SS UNIVERSAL GEAR LUBRICANTS are blended from premium quality petroleum and synthetic base stocks with a highly effective, thermally durable extreme pressure (EP) additive which provides outstanding anti-wear and anti-scuff protection under severe service conditions. These products do not exhibit significant thinning or permanent viscosity loss even under very high shear conditions. Effective rust and foam inhibitors protect bearings and gears. 49 NORTH® SS UNIVERSAL GEAR LUBRICANTS are proven to last 3 to 5 times longer than conventional gear lubes.

### APPLICATIONS

49 NORTH® SS UNIVERSAL GEAR LUBRICANTS are suitable for API Gear Lubricant Service: GL-2\*, GL-3\*, GL-4, GL-5, GL-6\*, MT-1 (lubricants for non-synchronized manual transmissions - buses and heavy-duty trucks). Meets/exceeds the performance levels specified by MIL-PRF-2105E, Mack GO-J and GO-H/S Gear Oil and Meritor (formerly Rockwell International) O-76-E (75W-90) and O-76-B (80W-140). The products are used in over-the-road truck transmissions and differentials and in oilfield, industrial, textile, mining, and construction applications.

### TYPICAL PROPERTIES

SAE Grade	SS 75W-90
Product Code	1643
AGMA Lubricant Number	3EP
ISO Grade (approximately)	100
API Gravity (ASTM D 4052)	31.4
Density, lb/gal at 60° F	7.3
Specific Gravity at 60° F	0.87
Viscosities:	
cP at -26° C	47,000
cP at -40° C	140,000
cSt at 40° C	94.2
cSt at 100° C	14.5
SUS @ 100° F	490
SUS @ 210° F	77.7
Viscosity Index	159
Flash Point, ASTM D 92, COC, °F (°C)	417 (214)
Pour Point, ASTM D 97, °F (°C)	-53 (-48)
Color, ASTM D 1500	Dark Amber

### TYPICAL PROPERTIES

SAE Grade	SS 80W-140
Product Code	1647
AGMA Lubricant Number	6EP
ISO Grade (approximately)	320
API Gravity (ASTM D 4052)	27.6
Density, lb/gal at 60° F	7.4
Specific Gravity at 60° F	0.89
Viscosities:	
cP at -26° C	145,000
cP at -40° C	-
cSt at 40° C	290.7
cSt at 100° C	26.1
SUS @ 100° F	1531
SUS @ 210° F	132.1
Viscosity Index	122
Flash Point, ASTM D 92, COC, °F (°C)	414 (212)
Pour Point, ASTM D 97, °F (°C)	-27 (-33)
Color, ASTM D 1500	Dark Amber

## Lubricants For All Reasons