



SYNTHETIC EP GEAR LUBRICANT

PRODUCT CODE: 30130, 30140, 30150, 30170

DESCRIPTION

49 NORTH® SYNTHETIC EP GEAR LUBRICANTS are fully synthetic gear lubricants specially engineered for enclosed industrial gear boxes operating under extreme pressures and/or temperatures and shock loads.

QUALITIES

49 NORTH® SYNTHETIC EP GEAR LUBRICANTS are an extensively tested, custom formulation that provides excellent wear protection of gears and bearings, and is shear stable with a high film strength and load-carrying capacity. The unique additive formulation includes thermally stable extreme pressure (EP) additives, with high oxidation resistance, a high viscosity index, anti-rust, anti-foam, rapid air release, and water demulsification. 49 NORTH® SYNTHETIC EP GEAR LUBRICANTS contain no solid additives, have excellent seal compatibility and are hydrolytically stable.

APPLICATIONS

49 NORTH® SYNTHETIC EP GEAR LUBRICANTS are designed for use in enclosed industrial gear systems requiring the following specifications:

- U.S. Steel 224
- AGMA 9005-E02
- DIN 51517 Part 3

FEATURES & BENEFITS

Exceeds widely recognized performance standards.

Dampens shock loads and protects heavily loaded gears and bearings.

Protects at high temperatures.

Maintains clean gears and bearings.

Excellent cold temperature start-up efficiency.

Designed to reduce leaks and extend seal life.

Highly filterable, with a high tolerance to water.

High oxidation resistance, providing long life and extended protection.

CONTACT

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6611 - 45 Street
Leduc, Alberta
Canada T9E 7E3

TYPICAL PROPERTIES

ISO Viscosity	150	220	320	460
Product Code	30130	30140	30150	30170
AGMA Grade	4EP	5EP	6EP	7EP
Specific Gravity (g/mL)	0.8607	0.8654	0.8676	0.8686
Viscosity @ 40°C, cSt	149.1	222.1	324.1	457.4
Viscosity @ 100°C, cSt	19.7	26.8	35.7	49.2
Viscosity Index	152	155	156	168
FZG Failure Stage (A/8.3/90)	>12	12	>12	>12
FZG Failure Stage (A/16.6/90)	----	>12	>12	>12
Four Ball EP				
a) Weld, kg	250	250	250	250
b) Load Wear Index, kg	54	55	58	54
Timken OK Load, lbs	>90	>90	>90	>90
Foam Tendency				
SEQ 1 (mL)	0/0	0/0	0/0	0/0
SEQ 2 (mL)	10/0	10/0	10/0	10/0
SEQ 3 (mL)	0/0	0/0	0/0	0/0
Pour Point, °C	-44	-40	-40	-35
Flash Point, °F (°C)	430 (221)	435 (224)	435 (224)	440 (227)

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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