

PUMPJACK OIL GEAR LUBRICANT

PRODUCT CODE: 31125, 31135

DESCRIPTION

49 NORTH® PUMPJACK OIL GEAR LUBRICANTS are special formula gear lubricants for heavy duty industrial gear sets operating under severe service conditions including heavy continuous loads or frequent shock loads. 49 NORTH® PUMPJACK OIL GEAR LUBRICANTS have been specially formulated for optimal performance in pumpjack operations for the Canadian oil field.

QUALITIES

49 NORTH® PUMPJACK OIL GEAR LUBRICANTS are formulated with premium high quality base oils to provide optimum load carrying capability, water separation and oxidation resistance. The additive system incorporated in 49 NORTH® PUMPJACK OIL GEAR LUBRICANTS provides extreme pressure (EP) and anti-wear protection, superior oxidative and thermal stability, increased protection against rust and corrosion and excellent seal compatibility.

At the high localized temperatures achieved under heavy load conditions, the sulfur-phosphorus EP additive in 49 NORTH® PUMPJACK OIL GEAR LUBRICANTS chemically reacts with the metal surfaces in order to prevent the welding, scoring, and galling that may occur as the oil film is broken. By modifying the metal surfaces at contact in this manner, wear is reduced and the gear life is extended.

49 NORTH® PUMPJACK OIL GEAR LUBRICANTS are not to be used in automotive differential gear sets that require the use of API GL-5 rated gear oils, and are not food grade products.

Care should be taken to prevent the contamination of gear oils, since industrial gear oils typically have a long service interval recommendation. Materials such as water, scale, and dirt can degrade the performance of the oil, in addition to increasing the performance demands on the oil.

APPLICATIONS

49 NORTH® PUMPJACK OIL GEAR LUBRICANTS are recommended for industrial gear sets calling for a premium industrial gear oil, a gear oil with AGMA 250.04 or U.S. Steel 224 performance, as well as enclosed gear drives including the following types of gears:

- Spur
- Helical
- Double helical or “herringbone”
- Straight bevel
- Worm (In some applications only)

Worm gear sets that are comprised entirely of steel or ferrous components typically accept an AGMA style of gear oil readily. Worm gear sets that contain copper, brass, bronze, or other red and yellow metal alloys generally should not use an AGMA style of gear lubricant.

CONTACT

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This product is suitable for splash, chain, or ring delivery as well as for circulation or pump delivery.

FEATURES & BENEFITS

Excellent extreme pressure properties reduce the wear and maintenance costs where applicable.

Enhanced oxidative and thermal stability lead to longer fluid life.

Superior rust and corrosion prevention leads to prolonged equipment life.

Excellent seal compatibility decreases degradation and swelling of seal materials.

TYPICAL PROPERTIES

ISO Viscosity	100	150
Product Code	31120	31130
AGMA Grade	3EP	4EP
API Gravity	30.1	29.3
Viscosity @ 40°C, cSt	104.1	150.4
Viscosity @ 100°C, cSt	11.8	15.3
Viscosity Index	102	103
Pour Point, °C	-30	-30
Flash Point, °F (°C)	425 (218)	430 (221)

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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