



# MOLY ULTRA-TEC GEAR LUBE

## ◆ TWO GEAR LUBES IN ONE

MOLY ULTRA-TEC GEAR LUBE is two gear lubes in one - - the base product, plus the moly product. High performance solid film moly and advanced technology lubricants have been shown to reduce friction, absorb shock loads, reduce operating temperatures and extend re-lubrication cycles, plus extend the service life of both the lubricant and machines that operate under heavy loads.

## ◆ SUPERIOR LUBRICATION

MOLY ULTRA-TEC GEAR LUBE provides superior lubrication to gears which are not only precision units, but also expensive to replace considering the high cost of shop time, parts and disrupted schedules. MOLY ULTRA-TEC GEAR LUBE delivers heavy duty lubrication even under the toughest conditions.

## ◆ REDUCES HEAT

MOLY ULTRA-TEC GEAR LUBE has the ability to cushion gears, reducing heat and friction. The ability to reduce heat by keeping the gear surfaces coated will extend the life of the lubricant, as well as reduce gear system wear. The ability to reduce heat also helps to prevent the formation of gum and varnish on gear teeth. MOLY ULTRA-TEC GEAR LUBE is capable of providing unparalleled system cleanliness.

## ◆ SEPARATES FROM WATER

MOLY ULTRA-TEC GEAR LUBE contains breakaway technology that creates a quick and efficient separation from water, providing superior lubrication and longer lubrication life. Even normal condensation can turn into severe water contamination with most gear lubricants, but MOLY ULTRA-TEC GEAR LUBE is different - - - allowing excessive moisture to be drained away and the gear life to be extended.

## ◆ HELPS ADD TO YOUR PROFITS

MOLY ULTRA-TEC GEAR LUBE handles most abnormal operating conditions, as well as day to day operations. Equipment can be used continuously and dependably under adverse loading, high torque and low and high speeds without danger of lube failure. More working hours for every piece of equipment means added profits. In addition, MOLY ULTRA-TEC GEAR LUBE saves storage space, offers less danger of lube mix-up and maximum protection under most operating conditions.



**Made In The  
U.S.A.  
Since 1922**

# TRC MOLY ULTRA-TEC GEAR LUBE PROPERTIES

- *Reduces friction and wear • Dissipates heat*
- *Reduces vibration, shock and noise*
- *Provides a carrier for additives*
- *Removes contaminants • Prevents corrosion*
- *Protects against pitting • Protects against metal fatigue*

## SPECIFICATIONS

### MOLY ULTRA-TEC GEAR LUBE

Product Code #8089 (SAE 80W/90)

Product Code #8090 (SAE 85W/140)

Meets and/or Exceeds the requirement for API Service GL-4 (axle and non-synchronized manual transmissions), and GL-5; API MT-1, Federal Specifications MIL-L-2105B, MIL-L-2105C, MIL-L-2105D and MIL-PRF-2105E and SAE J2360; PG-2 Thermal Stability Test, US Steel 224, and AGMA 250.04 and major manufacturers' specifications to include Ford M2C 105A, Rockwell Standard 0-76, Navistar IHCB-22, Clark MS-8, MACK GO-G, GO-H, and MACK GO-J, Scania STO 1:0 and ZF TE-ML 08.

#### TYPICAL INSPECTIONS

AGMA Designation

#### SAE 80W/90

AGMA EP 5

#### SAE 85W/140

AGMA EP 7

Gravity, °API @ 50°F (10°C)

25/28

25/28

Viscosity, SUS @210°F (98°C)

85/95

130-150

Viscosity, SUS @ 100°F (37°C)

840/880

1750-1950

Viscosity Index, Minimum

125

110

Flash Point (COC, Minimum)

425°F (218°C)

425°F (218°C)

Fire Point (COC, Minimum)

445°F (228°C)

445°F (229°C)

Pour Point, Maximum

-20°F (-28°C)

-5°F (28°C)

Non Channeling Point

-30°F (-34°C)

-20°F (-28°C)

Color

Gray

Gray

Ash, % (+0.1%)

0.35

0.35

Three Hour Copper Strip

Pass

Pass

Timken OK Load, Pounds

70

75

Foam Test, ml of Foam:

Sequence I, II and III

Initial

After 5 Minutes

Trace

Nil

Trace

Nil

Chemical E.P.

Sulphur Phosphorous

Sulphur Phosphorous

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