

## Limited Slip

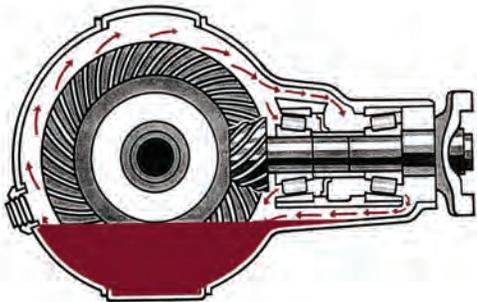
HyTorque is a complete package. GM, Chrysler, and other manufacturers recommend adding a little bottle of branded additive when changing gear lube to prevent chatter in their limited slip differentials. Cen-Pe-Co HyTorque Gear Lube already contains a friction modifier to keep limited slip differentials quiet

## Less Wear

So, use Cen-Pe-Co Synthetic Gear Lube for extended drain intervals with light loads. Use Cen-Pe-Co Hy-Torque Gear Lube to reduce wear in heavily loaded gearboxes.



*Cen-Pe-Co Hy-Torque Gear Lube Red w/ Temp Tac is fortified with special additives that cling and climb to insure immediate lubricity when the gear set starts up. This taclube™ also enables Cen-Pe-Co Hy-Torque Gear Lube to get out to wheel seals faster to keep them soft and pliable to maximize protection.*



## The Benefits Of Cen-Pe-Co Lubricants

- ◆ Made with 100% pure paraffin de-waxed base oil.
- ◆ Greater lubricity assures reduced wear and improved fuel efficiency.
- ◆ Superior film strength protection during startup and extreme operating conditions.
- ◆ Fortified with extra heavy-duty synthetic additives for longer drain protection.
- ◆ Preserves expensive equipment during storage.

Available At:

**Lubricants & Fuel Solutions**  
**Erich Haesche**  
**607-591-1156**  
**www.nylfs.com**

Cen-Pe-Co also manufactures Heavy-Duty Engine Oils and Columbia® Paints & Roof Coatings



Manufactured By:

**CENTRAL PETROLEUM COMPANY**  
**CLEVELAND, OHIO • WALCOTT, IOWA**

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**LUBRICANTS**



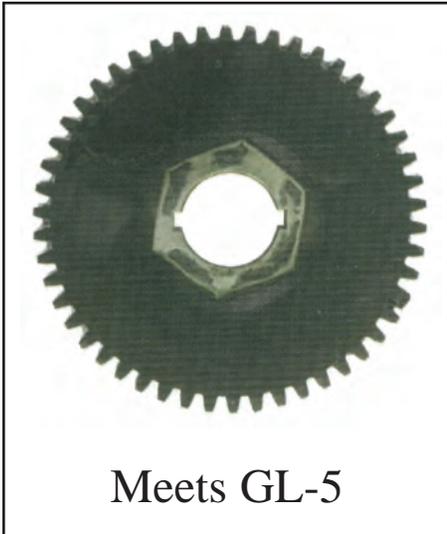
- ◆ Reduces Wear
- ◆ Lowers Operating Temperature
- ◆ Superior Film Strength
- ◆ Rust Protection

“Specialists in Scientific Lubrication - Since 1911”

# Cen-Pe-Co<sup>®</sup> Hy-Torque Gear Lube

The API GL-5 specifications are old, and the requirements are too low. In an industry dominated by large fleets where long drain intervals take priority over wear, it is little wonder the manufacturers are recommending synthetic gear lubes.

Synthetic gear lubes are well suited to light loads



Meets GL-5

on interstate highways, and we recommend Cen-Pe-Co Synthetic Gear Lube SAE 75W-90 for this application. But for maximum loads, mountains, short hauls, secondary roads, and other applications that test the integrity of gear boxes and gear lubes, we recommend Cen-Pe-Co Hy-Torque Gear Lube. It exceeds GL-5 specifications for wear, oxidation stability, EP performance, cleanliness, and rust.

## Pressure Viscosity

Hydrocarbons, whether natural or synthetic, thicken up from pressure. Pressures become so severe in the high load zones of a gear box that the gear lubricant temporarily becomes a solid, like plastic. Petroleum oils thicken up at a faster rate than synthetic oils, creating a thicker film and reducing wear. In heavily loaded situations, Cen-Pe-Co's 100% paraffin

base oil is better at stopping wear than synthetic base oils.

## EP Performance

When shock loads crush and rupture the oil film, EP (Extreme Pressure) additives are a second line of defense. EP additives are somewhat pro-oxidant, so synthetic gear lubes balance EP against long drain life. In other words, synthetic gear lubes sacrifice EP performance to get longer drain intervals.

Cen-Pe-Co Hy-Torque Gear Lube has been compared with synthetic gear lubes in Timken OK Load, 4-Ball Weld, 4-Ball Wear, Falex EP, and Falex Wear testing. Cen-Pe-Co Hy-Torque Gear Lube blows away most synthetics for EP performance.

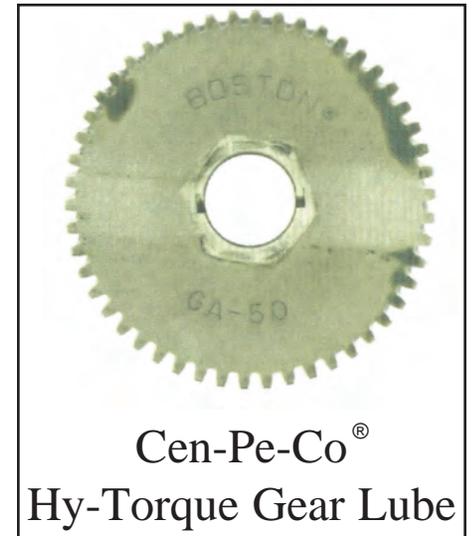
## Lower Temperatures

Starting at about 150°F, every 18° increase in oil temperature cuts oil life in half. If your gear boxes build heat, you are not a candidate for hyper-extended drain intervals, no matter what gear lube you use.

In many cases, we have seen axle temperatures drop by over 20° with Cen-Pe-Co



Better GL-5



Cen-Pe-Co<sup>®</sup>  
Hy-Torque Gear Lube

Hy-Torque Gear Lube compared with synthetic gear lube. Cen-Pe-Co's 100% paraffin base oil has excellent oxidation stability, which can rival that of a synthetic oil if there is a sizable difference in operating temperature.

## Rust

Another performance area where petroleum oils are superior to synthetic oils is rust inhibition, which is of particular concern in equipment that sits during the off-season.

Synthetic oils are more like hard water, with a tendency to bead up and run away. Cen-Pe-Co's 100% paraffin base oil clings and penetrates metal surfaces, keeping Cen-Pe-Co Hy-Torque Gear Lube's powerful rust inhibitors in constant contact.



Synthetic 75W-90



RUST TEST (ASTM D1748 Humidity Cabinet)