

# Synthetic Gear Oil



## Product Description

**OTR™ Synthetic Gear Oil** lubricants are transportation industry-oriented gear oils which focus on the critical needs of heavy-duty truck transmissions and differentials. **OTR™ Synthetic Gear Oil** provides superior lubricant protection in the most severe service, including sub-arctic to desert conditions. **OTR™ Synthetic Gear Oil** is ideal for use in truck transmissions and axles operating in standard drain service or in “out-of-warranty” situations. **OTR™ Synthetic Gear Oil** out-performs conventional gear lubricants to promote longer gear life and better equipment operating economy.

## Product Features and Benefits

### **OTR™ Synthetic Gear Oil SAE 75W-90 and SAE 80W-140**

Extreme pressure API GL-5 synthetic gear lubricants providing excellent lubricant flow at all operating temperatures, including sub-zero service.

Contain extreme pressure additives as well as rust and oxidation inhibitors to provide superior gear and bearing protection under a wide range of operating conditions.

Extremely high film strength and outstanding low temperature performance ensure extra gear life in the toughest service.

Resist oxidation even during the hottest climatic conditions to last significantly longer than conventional gear oils.

## Typical Applications

### **OTR™ Synthetic Gear Oil SAE 75W-90 and SAE 80W-140**

Heavy duty manual transmissions, axles and final drives requiring API GL-5 & MT-1 performance.

On-highway light and heavy-duty trucks, buses and vans.

Off-highway equipment including: construction, mining, quarry applications and agriculture.

Heavy-duty industrial gear drives including hypoid gears.

Differentials, final drives, transfer cases and other gear applications where lubricants meeting SAE J2360 (MIL-PRF-2105E), API Service GL-5, EP gear lubricants are recommended.

Recommended for equipment such as winch reduction gears and crawler vehicle propulsion gear drives that are exposed to severe low temperatures.

## Typical Properties

SAE Viscosity Grade	Test Method	75W-90	80W-140
Viscosity @ 100°C,cSt	ASTM D445	16.2	29.0
@ 40°C,cSt	ASTM D445	111	255
Viscosity Index	ASTM D2270	156	150
Pour Point, °F (°C)	ASTM D97	-51(-46)	-33 (-36)
Flash Point, °F (°C)	ASTM D92	410 (210)	410 (210)

### **OTR™ Part Number:**

Pail (Plastic) – 5 Gal

PTSN-75W90-5G

PTSN-80W140-5G