



HB-1277 SYNGEAR

SYNTHETIC 75W90, 75W140, 80W140 GEAR OILS

DESCRIPTION:

HB-1277 SYNGEAR 75W90, 75W140, 80W140 Gear Oils is full synthetic premium quality gear oil for transmissions and final drives. It meets the toughest industry specifications for automotive extreme pressure (EP) gear lubricants including limited slip differentials. It is designed for extreme pressure offset spiral bevel and hypoid gear sets (ring and pinion gears) in heavy duty trucks, farm, logging and construction machinery. This oil is suitable for extended drain intervals.

FEATURES/BENEFITS:

- Synthetic base stocks maximize oxidation resistance.
- Greater film strength at higher operating temperatures.
- Reduced wear at start up and ease of startup even in arctic conditions
- Extreme pressure additives prevent gear scuffing and scoring.
- Prevents formation of rust and sludge throughout the system.
- Fortified to prevent chatter in limited slip synchromesh drive trains.
- Excellent resistance to foaming.
- Extended drain intervals versus conventional products
- Can also be blended to be “limited slip” upon request

APPLICATIONS:

HB-1277 SYNGEAR 75W90, 75W140, 80W140 Gear Oils is ideal for automotive and truck manual transmissions and differentials.

HB-1277 SYNGEAR 75W90, 75W140, 80W140 Gear Oils is excellent for off-road construction and agricultural equipment as well as heavy duty trucks and buses as a final drive lubricant.

Meets Performance Requirements:

- API GL-5, Limited Slip, MT-1
- MIL PRF-2105E
- Mack GO-J PLUS
- SAE J2360

- Eaton Roadranger E500
- Scania STO 1:0
- ZF TE-ML 07A/08
- Dana SHAES 429 Rev. A
- DANA SHAES 256 Rev. C
- Meritor O-76N
- MB-Approval 235.8
- International TMS-6816
- ZF TE-ML 05B/16F/21B
- ZF TE-ML 12B
- Voith Turbo 132.00374401/132.00374402
- U.S. Steel Specification 224

* ALWAYS CONSULT YOUR OWNER'S MANUAL FOR THE PROPER FLUID FOR YOUR EQUIPMENT.

SAE Grade	75W90	75W140	80W140
Specific Gravity @ 60 °F	0.8660	0.8593	0.9179
Viscosity Kinematic cSt at 40°C	102.4	168.3	265
cSt at 100°C	15.5	27.2	28.1
Viscosity Index	164	197	144
Viscosity, Brookfield cP at 40°C Max	150,000	150,000	150,000
Flash Point °F	385	474	407
Pour Point, °C (°F)	44 (-50)	-43 (-45)	-41(-41)
Color	1.0	3.5	1.5

Typical test data are average values only. Minor variations which do not affect product performance are to be expected during normal manufacturing.