

FS All-Purpose SAE 80W-90 GL-5 Gear Limited Slip

Description

FS All-Purpose SAE 80W-90 GL-5 Gear Limited Slip lubricant is a multi-functional EP gear oil that delivers superior performance for both on-highway vehicles and off-highway farm and construction equipment. It is made from high quality base oils combined with an innovative sulfur-phosphorus, multi-functional gear oil additive package.

FS All-Purpose SAE 80W-90 GL-5 Gear Limited Slip is formulated with limited slip friction modifiers.

Features and Benefits:

- Multipurpose to satisfy the lubricant requirements of a wide variety of gears
- High load carrying capacity
- Extreme pressure lubricant additives for hypoid and heavily loaded gears
- Excellent oxidation stability and wear protection
- Long life for bearings, gears and seals especially under high temperature operations
- Provides good moisture corrosion protection
- Compatible with other gear oils and can be used in axles and transmissions to help minimize lubricant inventory
- Will not harm brass bearings, even above 200°F where many sulfur-type additives cause corrosion

Recommended Use:

- API Service GL-5
- Military Specification MIL-L-2105D
- Mack GO-G, GO-H, GO-J
- US Steel 224
- AGMA 250.04 Specification, AGMA 9005-D94
- Case-IH MS-1316 (SAE 85W-140)
- Rockwell International 0-76-A (85W-140), 0-76 (80W-90)
- John Deere JDM J11E
- MT-1

Applications:

All applications requiring GL-5 gear lubricant protection including automotive differentials, manual transmissions, final drives, heavy-duty trucks, construction equipment, farm machinery, and many other industrial applications.

FS All Purpose GL-5 Gear lubricants are recommended for passenger cars, buses, and highway truck hypoid, spiral bevel, and worm gear axles, but can also be used in manual transmissions when this type of fluid is recommended.

FS All Purpose GL-5 Gear Limited Slip is suitable for use in limited-slip or “Posi-Trac” rear axles as a refill or top-off fluid.

Typical Properties:

Test / Description	Specification
SAE Grade	80W-90
AGMA Number (approximate)	5
API Gravity @ 60° F	25.5
Viscosity Index	95
Viscosity: cSt @ 100° C	19
Viscosity: cSt @ 40° C	212
SUS @ 210° F	98
SUS @ 100° F	1250
Pour Point, °C (°F)	-15 (5)
Flash Point, °C (°F)	205 (400)
Color, ASTM	3.5
Foam Properties	0/0/0
Timken OK Load, lbs.	45