

# FS Synthetic Gear Lube GL-5 (EP)

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## Description

FS Synthetic Gear Lube GL-5 Extreme Pressure (EP) gear oils are engineered for excellent wear protection and are extreme-pressure, full-synthetic gear oils. They are formulated for use in hypoid gears in differentials and, where applicable, manual transmissions found in cars, trucks and heavy-duty equipment. These oils outperform petroleum gear oils.

## Features and Benefits:

- Extreme-pressure (EP) fortified for heavily loaded gears and bearings
- Diminishes shock loads
- Protects at high temperatures
- Maintains gear and bearing cleanliness
- Designed to extend seal life and reduce leaks
- Excellent cold-temperature start-up lubrication
- Protects against copper corrosion and rust

## Meets or Exceeds:

- API Service GL-5/MT-1
- MIL-PRF-2105E
- SAE J2360
- MACK GO-J
- Dana SHAES 234 (Formerly Eaton PS-037A)
- Arvin/Meritor 076-E (75W-90)
- Arvin/Meritor 076-L (75W-140)
- Arvin/Meritor 076-B (80W-140)

## Recommended Use:

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.

## Product Availability:

- 5 Gallon Pail
- 16 Gallon Drum
- 55 Gallon Drum
- 275 Gallon Tote

## Typical Properties:

Test / Description	Specification	Specification	Specification
<b>SAE Grade</b>	<b>75W-90</b>	<b>75W-140</b>	<b>80W-140</b>
<b>Viscosity @ 100°C (cSt) ASTM D445</b>	15.2	27.5	27.0
<b>Viscosity @ 40°C (cSt) ASTM D445</b>	119	176.6	282.6
<b>Viscosity Index ASTM D2270</b>	133	194	125
<b>Density (lb/gal) ASTM D1298</b>		7.145	7.374
<b>Brookfield Viscosity @ -40°C, cP ASTM D2983</b>	116,958	128,100	121,000
<b>Pour Point (°C) ASTM D97</b>	-43	-42	-34
<b>Pour Point (°F) ASTM D97</b>	-45	-44	-29
<b>Flash Point (°C) ASTM D92</b>	216	200	214
<b>Flash Point (°F) ASTM D92</b>	421	392	417
<b>Copper Corrosion ASTM D130</b>	1b (pass)	1b (pass)	1b (pass)