



SYNTHETIC SAE 75W-140 GL-5

Synthetic Gear Oil For “Ultimate Vehicle Protection”

PRODUCT DESCRIPTION

PENNZOIL® SYNTHETIC SAE 75W-140 GL-5 Gear Lubricant combines a premium performance gear oil additive package with a high quality synthetic base stock. The result is a gear oil that provides excellent fluidity for safe lubrication of gears and axles during very low temperatures and also maintains a thick protective oil film during extremely hot operating conditions.

PENNZOIL® SYNTHETIC SAE 75W-140 GL-5 is formulated with all the performance additives necessary for outstanding protection of gears and bearings. It contains extreme pressure agents that protect against shock loading and wear. Foam inhibitors protect against oil aeration, which can rupture the lubricant film and cause wear due to lack of lubrication. Special rust inhibitors are incorporated into PENNZOIL® SYNTHETIC SAE 75W-140 GL-5 to protect against corrosion that can result from condensation. Oxidation inhibitors are included to further enhance this synthetic oil's inherent oxidation stability, resulting in a lubricant with exceptionally long service life and excellent resistance to deposit formation during high temperature operation.

PENNZOIL® SYNTHETIC SAE 75W-140 GL-5 meets all the requirements of API Service Classification GL-5.

APPLICATION

PENNZOIL® SYNTHETIC SAE 75W-140 GL-5 Gear Lubricant is designed primarily for the lubrication of differentials and manual transmissions requiring an API GL-5 gear lubricant. It can be used in limited slip and conventional differentials found in passenger cars, light trucks, sport utility vehicles and vans. It continues to flow at very low temperatures, providing especially good protection for gears and bearings in extreme cold weather. It also provides excellent service in torrid climates by not thinning at high temperatures, thereby maintaining a full film of protective lubricant on gear teeth. In hot running gear boxes, it allows longer service due to the excellent stability of the synthetic base stocks used in the product. PENNZOIL® SYNTHETIC SAE 75W-140 GL-5 is specially formulated for today's stringent demands of everyday stop and go driving and towing applications.

PENNZOIL® SYNTHETIC SAE 75W140 can also be used in all differentials of the various BMW M-Sport models and in the differentials of various SUVs for which an SAE 75W140 hypoid oil is prescribed.

PENNZOIL® SYNTHETIC SAE 75W-140 GL-5 is suitable for use in both limited slip and conventional differentials. It may be used for makeup or complete refill of limited slip differentials, including rebuilt units.

Passenger car or truck manual transmissions experiencing difficult shifting during cold weather while using conventional mineral based GL-5 oils, will typically find easier shifting characteristics when using PENNZOIL® SYNTHETIC SAE 75W-140 GL-5.

BENEFITS

- Contains special extreme pressure and anti-wear additives, minimizing wear that can occur with high or shock loads
- Provides protection over a wide temperature range
- Protects against corrosion
- Provides outstanding thermal stability
- Reduces or eliminates chatter in limited slip differentials

**TYPICAL PHYSICAL AND CHEMICAL PROPERTIES
 PENNZOIL[®] SYNTHETIC SAE 75W-140 GL-5**

TEST	METHOD	TYPICAL RESULTS
Gravity, °API	ASTM D-287	31.7
Gravity, Specific @ 60°F	ASTM D-1298	0.865
Pounds per Gallon		7.3
Flash Point, °C(°F)	ASTM D-92	188(370)
Pour Point, °C(°F)	ASTM D-97	-45 (-49)
Viscosity		
@ 40°C, cSt	ASTM D-445	175
@100°C, cSt	ASTM D-445	24.6
@ 100°F SUS	ASTM D-445 & 2161	896
@ 210°F SUS	ASTM D-445 & 2161	121
Viscosity Index	ASTM D-2270	173
Brookfield Viscosity cP @ -40°C	ASTM D-2983	126,000
Material Number		
Bulk		5036402
35 Pound Pail		5036403
12/1 Quart		5036424