

Automotive Gear Oil (Manual Transmissions, Gearboxes, Axles) - quick comparison table

API	Basestock	SUN'SOIL	SHELL	MOBIL	CALTEX	CASTROL
GL-5	Fully Synthetic	Fully Synthetic Limited Slip GL-5/MT-1, J2360 80W-90, 85W-140 <i>for limited slip differentials (4X4), high performance gearboxes & axles which require GL-5</i>	Spirax S6 AXME	Mobilube 1 SHC, Mobilube SHC LS		
	Semi Synthetic	Limited Slip Gear Oil GL-5/MT-1, J2360 80W-90, 85W-140 <i>for limited slip differentials (4X4), high performance gearboxes & axles which require GL-5</i>	Spirax S3 ALS (mineral) Spirax S2 ALS (mineral)	Mobilube HD LS (mineral)		Axle Z Limited Slip (mineral)
	Semi Synthetic	Multigrade Gear Oil (GL-5) GL-5/MT-1, J2360 80W-90, 85W-140 <i>gearboxes & axles which require GL-5</i>	Spirax S3 AX (mineral, GL-5/MT-1)	Mobilube HD Plus (mineral, GL-5/MT-1, J2360)	Thuban GL-5 EP (mineral, GL-5/MT-1)	Axle GL-5, EPX (mineral, GL-5)
	Mineral	Gear Oil (GL-5) GL-5/MT-1 90, 140 <i>gearboxes & axles which require GL-5</i>	Spirax S2 A (mineral, GL-5)	Mobilube HD (mineral, GL-5) <hr style="border-top: 1px dotted black;"/> (not available in monograde)		
GL-4	Fully Synthetic	Fully Synthetic Gear (GL-4) GL-4 80W-90, 85W-140 <i>high performance gearboxes which require GL-4</i>	Spirax S6 GXME			
	Mineral	Gear EP Oil GL-4 90, 140 <i>gearboxes which require GL-4</i>	Spirax S2 G	Mobilube GX	Thuban GL-4	Manual GL-4
GL-1	Mineral	Gear ST Oil GL-1 90, 140 <i>transmissions and gearboxes which do not require EP</i>	Dentax	Mobilube C	Thuban GL-1	ST D, Manual GL-1

Remarks - This comparison table is mainly based on API standard, for manufacturer standards please check with PDS and your vehicle manual or handbook.

- Some gearboxes and axles may require specific manufacturer's specification (such as European vehicles), please check vehicle manual or handbook.
- Based on products availability in Thailand as of 9/2014.
- Optimum SAE viscosity is depending on manufacturer's recommendations, vehicle conditions/mileage, operating conditions, ambient temp, and etc.
- Oil drain interval (ODI) is depending on vehicles, manufacturer's recommendations, operating conditions, contaminants, and etc.
- SAE J2360 (formerly MIL-PRF-2105E)