Technical Data Sheet

SGO 100% Synthetic Racing Gear Oil / GL-6

DESCRIPTION:

SGO 100% synthetic racing gear oils are engineered using high molecular weight Group IV and Group V mPAO and Ester base oils for exceptional film strength and fluidity. The high concentration of Torco's proprietary Extreme Pressure, race-proven additive system extends the life of gears, bearings, and metal surfaces by quickly reaching and clinging to components during initial startup and will not sling off during severe speed and load. This combination of synthetic base oils, 0-5 SSI Polymers, and Extreme Pressure chemistries resist shear while protecting vital components, improving power throughput to the wheels, and resisting oxidation, foam, and rust.

FEATURES & BENEFITS:

- 100% synthetic Group IV and Group V heavy mPAO and Ester base oils for exceptional film strength and fluidity to quickly reach and cling to components without slinging off during high speed or load.
- The balanced concentration of Torco's Extreme Pressure additive system provides superior shock-load and wear protection.
- Forms a strong layer of iron-sulfide on gear surfaces.
- The low coefficient of friction reduces operating temperature while improving power throughput.

APPLICATIONS:

Commonly used in race vehicles including cars, trucks, desert and rock racers in extreme speed and load applications. 75W-90 & 75W-140 is recommended for use in differentials, manual transmissions, transaxles found on high-performance street, racing, heavy & light truck applications.

For limited-slip or posi-traction differentials, use Torco Limited Slip Friction Modifier Type G (for all GM applications) and Type F (For everything else)

TYPICAL TEST DATA:

TEST	METHOD	75W-90	75W-140	250
Specific Gravity @ 15.5°C	D1298	0.8642	0.8586	0.8916
Lbs/Gal	D1298	7.202	7.156	7.424
Viscosity @ 40°C (cSt)	D445	101.5	176.3	494.5
Viscosity @ 100°C (cSt)	D445	15.3	26	46.8
Viscosity Index	D2270	159	183	151
Pour Point °C	D97	-43	-43	-24
Flash Point °C	D92	208	210	210
Brookfield, cP @ °C	D2983	78,000 (-40)	109,400 (-40)	-
Copper Corrosion	D130	1b	1b	1b