



Synthetic Gear Oils

STARFIRE Synthetic Gear Oils are multi-purpose lubricants designed for service in Automotive and Heavy Duty applications. Starfire Synthetic Gear Oils are formulated with synthetic base stocks and a sulfur-phosphorus extreme pressure additive package with friction modifier, which provides excellent thermal and oxidative stability, as well as anti-foam, anti-rust and anti-corrosion protection and have excellent load carrying capabilities.

Typical Applications:

- **STARFIRE Synthetic Gear Oil** meets the API GL-5, GL-4 Service Designations as well as the MIL-L-2105D and MIL-Prf-2105E is suitable for use in most limited slip differentials.
- **STARFIRE Synthetic Gear Oil** suitable for use in Mack GO-H & GO-J and Proposed PG-1/PG-2 Service Designations, Scania STO 110, Meritor -076N (75W90), and Meritor -076M (80W140).
- **STARFIRE Synthetic Gear Oil** suitable for use in API MT-1 applications. When extreme pressure (EP) gear oils are required. In all heavy duty truck differentials - In all domestic automobile differentials and some manually shifted transmissions- In heavy duty manually shifted truck transmissions requiring API MT-1 performance - In oil lubricated wheel bearings.

TYPICAL TEST DATA	75W-90	75W-140	80w140	50w
Viscosity: cSt @ 40°C	94.5	168.2	182.1	103.50
cSt @ 100°C	16.7	27.1	26.5	17.4
Viscosity Index	192	199	181	185
Pour Point, 60°F	-36	-47	-20	-44
Flash Point, (COC), °F	468	478	493	455
API Gravity @ 60°F	34.2	34.6	32.7	35.1
Specific Gravity, 60°F	0.854	0.852	0.862	0.849