



Hi-Performance Gearplus

Quality gear and axle oils

Extreme pressure automotive gear and axle oils for cars and trucks.

Performance Features and Benefits

- *Specially selected additives impart good anti-wear, anti-rust characteristics and oxidation stability.*

Applications

- **Automotive transmissions**
Heavy duty hypoid axles.
Other automotive transmission units operating under high speed/shock load, high speed/low torque and low speed/high torque conditions.

Specification and Approvals

- API Service GL-5 and MT-1
- Mack GO-J, GO-H, GO-G
- MIL-PRF-2105E, SAE J2360
- Meritor Automotive, Inc (formerly Rockwell) O-76-A (SAE 85W-140) and O-76-D (SAE 80W-90)
- Navistar B-22

Advice

Advice on applications not covered in this leaflet may be obtained from your Quaker State Representative.

Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet which can be obtained from your Quaker State representative.

Protect the environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Typical Physical Characteristics

Quaker State Hi-Performance Gearplus		80W-90	85W-140
SAE Viscosity grade	SAE J 306	80W-90	85W-140
Gravity, °API	ASTM D 1298	26.6	24.6
Kinematic Viscosity			
at -26 °C	cp	ASTM D 2983	112,000
at -12 °C	cp	ASTM D 2983	-
at 40 °C	mm ² /s	ASTM D 445	145
at 100 °C	mm ² /s	ASTM D 445	14.7
Viscosity Index	ASTM D 270	100	98
Flash Point COC	°C/(°F)	ASTM D 92	224(435)
Pour Point	°C/(°F)	ASTM D 97	-30(-22)
			-15(+5)

These characteristics are typical of current production. Whilst future production will conform to Quaker State's specification, variations in these characteristics may occur.