



## Multigear Select EP GL-5

### *GL-5 Gear Oils for manual transmissions*

**Multigear Select EP GL-5** is a multi-purpose gear lubricant whose high performance level is obtained using a sulfur-phosphorus additive treatment. The selected additives provide extreme pressure properties to protect automotive gears, which may be operated under the most severe service conditions encountered in passenger cars, truck farm tractors, earth moving, construction and other heavy-duty equipment. These additives specifically supply anti-scuff, anti-weld and anti-wear properties necessary in heavy-duty service gear lubricants.

**Multigear Select EP GL-5** is blended to meet the multi-grade viscosity requirements. These gear lubricants are formulated with naturally High VI solvent-refined base oils and thus do not require viscosity index improvers to meet multi-grade viscometric properties of grades offered. Because these lubricants do not contain VI improvers, they will maintain their viscometric properties throughout their useful life and will not lose viscosity through shear.

Equipment manufacturers' recommendations should always be followed when the gear lubricant is subject to high temperatures. While some gear sets are designed for year-round operation using an SAE 80W-90, others may require SAE 85W-140 for high temperature operation during the hot weather months.

#### Product Features:

- All-climate, year round performance
- Improved component protection

#### Customer Benefits:

- Easier cold weather shifting
- Extended drain interval
- Better Fuel economy

Specifications and Approvals	Royal Multigear Select EP GL-5
MIL-PRF-2105	✓
API GL-5	✓
Mack GO-J	✓

#### Applications:

- **Multigear Select EP GL-5** are recommended for conventional (manual) type transmissions, differentials, final drives (except worm drives), and other gear cases of heavy trucks, buses and farm tractors where extreme pressure, hypoid or multi-purpose gear oils are specified by the equipment manufacturer. Also, this product may be used for passenger car limited slip axles.



## Typical Properties

### Multigear Select EP GL-5

Product Number	267	268	Test Method
SAE Grade	80W90	85W140	-
Viscosity @ 40°C, cSt	149.5	343.4	ASTM D445
Viscosity @ 100°C, cSt	15.2	24.99	ASTM D445
Viscosity @ 100°F, SUS	825	1880	ASTM D2161
Viscosity @ 210°F, SUS	81	126	ASTM D2161
Viscosity Index	103	99	ASTM D2270
Flash Point, °C	256	282	ASTM D92
Pour Point, °C	-26	-15	ASTM D97
Gravity, API	25.6	23.8	-
Specific Gravity	0.889	0.896	ASTM D4052
Timken OK, LBS	60	60	ASTM D2509
4-Ball Weld & LWI	250	250	ASTM D2596

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

#### Health and Safety:

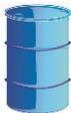
This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Safety Data Sheet (SDS) found on our website. [www.royalmfg.com](http://www.royalmfg.com) or call (918)-584-2671. **Packaging options:**



Quarts  
(Cone Top)



5 Gal. Pails



55 Gal. Drums



275/300 Gal. Totes



>2,000 Gal. Bulk