



RW

Oil

motor
Lubricants Antifreeze
Industrial Marine

RW DRIVE FORCE GL5 80W-90 LS

DESCRIPTION

RW Drive Force GL5 80W-90 LS oil is blended for use in a wide variety of automotive axle units with limited slip differentials.

APPLICATIONS

- **Automotive drivelines**

Suitable for heavy duty vehicles, including construction machines or buses, and passenger cars which are fitted with limited slip differentials. May be used in other moderate to heavily loaded gear sets that will allow use of a friction modified, hypoid gear oil.

PERFORMANCE PERFORMANCE FEATURES AND BENEFITS

- **Comprehensive components**

Specially selected additives impart good anti-wear, anti-rust characteristics, oxidation and thermal stability as well as the required coefficient of friction to meet requirements of limited slip differentials.

- **High quality base oils**

Maintains low temperature flow in the designed temperature range, resists oxidation, and maintains oil film between gears.

SPECIFICATIONS AND APPROVALS

API GL-5; Mil-L-2105D; ZF TE-ML 05C

ADVICE

Advice on applications not covered in this leaflet may be obtained from your RW™ Representative.

STORAGE

The product shall be stored in a closed container in a dry and clean place, away from flammable materials, heat sources, and direct sun light. The recommended storage temperature is 5–35°C, unless indicated otherwise. Do not freeze the product. Observe the first in first out warehousing principle. Recommended shelf life is 5 years.

HEALTH AND SAFETY

The product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

For further guidance on Product Health & Safety refer to the appropriate RW™ Product Safety Data Sheet.

Residues shall be utilized according to Directives EC 91/156, 91/689, and 94/62.

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

TYPICAL PHYSICAL CHARACTERISTICS

PROPERTY	METHOD	RW DRIVE FORCE GL5 80W-90 LS
SAE Viscosity Grade	SAE J306	80W-90
Density at 15°C, kg/m ³	ASTM D4052	901
Viscosity at 40°C, mm ² /s (sSt)	ASTM D7042	150,00
Viscosity at 100°C, mm ² /s (sSt)	ASTM D7042	15,10
Viscosity Index	ASTM D2270	100
Flash Point (COC), °C	ASTM D92	210
Pour Point, °C	ASTM D97	-30

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