



TECHNICAL DATA

GB GERION® TDL 80W-90

APPLICATIONS

GB GERION® TDL 80W-90 has been developed using the highest quality virgin mineral base oils and advanced additive systems as a Total Driveline Lubricant (TDL), for use in both synchromesh transmissions and final drives. GB GERION® TDL 80W-90 provides improved fuel economy and higher levels of long-term wear protection over conventional SAE 90 automotive gear lubricants. The use of a single lubricant for synchromesh gearboxes and final drives allows product rationalisation, resulting in cost savings and reduced risk of mis-application.

PERFORMANCE FEATURES

GB GERION® TDL 80W-90 is formulated as a Total Driveline Lubricant and offers the following features:

- Reduced risk of mis-application and reduced inventory
- Thermal stability
- Oxidation stability
- Anti-wear performance
- Corrosion protection
- Load-carrying properties
- Improved frictional properties
- Seal compatibility
- Enhanced synchromesh performance
- Low foaming
- Extended drain interval potential
- Reduced axle running temperatures
- Fuel economy improvements
- Low chlorine content

PERFORMANCE DETAILS

GB GERION® TDL 80W-90 may be used where the following specifications are required:

| | |
|---|---|
| API GL-4/GL-5 | ZF TE-ML 01/02B/05A/07/08/ |
| MAN 3343 ML | 12/16A-D/17A & B/19B/21A |
| MERCEDES BENZ p 235.5/235.6 | VOLVO 97310 (AXLE) |
| <i>Except in Mercedes Benz transmissions with retarders</i> | <i>Not suitable for Volvo transmissions</i> |

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GB LUBRICANTS

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Q 06093
ISO 9001



EMS 72776
ISO 14001



OHS 88475
OHSAS 18001

CHARACTERISTICS

| TEST | UNIT | METHOD | TYPICAL PHYSICAL CHARACTERISTICS |
|------------------------------|-------------------|------------|----------------------------------|
| SAE | | | 80W-90 |
| Appearance | - | - | Clear amber liquid |
| Density @ 15°C | kg/m ³ | IP 160 | 901 |
| Kinematic Viscosity @ 40°C | cSt | IP 71 | 141.2 |
| Kinematic Viscosity @ 100°C | cSt | IP 71 | 14.4 |
| Viscosity Index | - | IP 226 | 98 |
| Brookfield Viscosity @ -26°C | cP | ASTM D2983 | 118,400 |
| Pour Point | °C | IP 15 | -30 |
| Flash Point | °C | IP 34 | 158 |

STORAGE AND HANDLING

GB GERION® TDL 80W-90 should be stored under cover to avoid water collecting in the rim of upturned barrels.

HEALTH, SAFETY AND THE ENVIRONMENT

GB GERION® TDL 80W-90 is not classified as hazardous under current UK Health & Safety and Environmental Legislation when used in the application for which it is intended.

For guidance on storage and handling of all lubricants and related products, GB Lubricants recommend the Environment Agency, www.environment-agency.gov.uk, as an excellent source of advice.

If you have any queries, please do not hesitate to contact either your local Technical Sales Representative or our Technical Department.

The Company policy is to ensure that a range of products is supplied which complies with the latest specifications and codes within the relevant industry. As part of this development process, we therefore reserve the right to amend formulations and specifications, without prior notice.