



Multigear[®] R

High performance part synthetic Total Driveline Lubricant

Product description

Multigear R is a high performance part synthetic multigrade Total Driveline Lubricant suitable for applications requiring API GL-4 and API GL-5 performance. It is formulated with part-synthetic base stocks and an effective additive system.

Customer benefits

- Specially tuned friction characteristics are suitable for synchronised manual transmissions and final drives, reducing inventories
- Long drain capability helps reduce oil service maintenance and downtime
- Highly effective additive technology promotes EP and anti-wear performance
- Low temperature fluidity promotes rapid lubricant circulation and system protection during cold weather start up
- Reliable oxidation stability offers resistance to in-service oil thickening and harmful varnish and deposit formation

Product highlights

- **Suitable for synchronised manual transmissions and final drives**
- **Long drain capability**
- **High temperature performance**
- **Promotes cold weather start up protection**
- **Robust EP performance**

Selected specification standards include:

API GL-4

API GL-5

API MT-1

Applications

- Multigear R is designed for use in automotive manual transmissions which require a fluid with API GL-4 or GL-5 performance, and for hypoid drive axles where an EP oil meeting API GL-5 or MT-1 is required
- The thermal stability makes Multigear R suitable for use in applications with higher operating temperatures than is possible when using mineral gear oils. It is capable of longer service intervals than conventional mineral gear oils
- Multigear R is suitable for use in the axles of many SUV's, including most Land Rover models (except for Discovery 3/4) and the Opel/Vauxhall Frontera
- Multigear R is not recommended for use in ZF transmissions fitted with interlockers (this includes some models from constructors such as DAF and MAN). For these exceptions, use an approved fluid such as Multigear MTF SAE 75W-80

Approvals, performance and recommendations

Performance

- API GL-4
- API GL-5
- API MT-1

Typical test data		
Test	Test methods	Results
Shelf Life: 60 months from date of filling indicated on the product label		
Viscosity, Kinematic, 100°C, mm ² /s	ASTM D445	14.4
Viscosity, Kinematic, 40°C, mm ² /s	ASTM D445	81
Viscosity, Kinematic, -10°C, mm ² /s	ASTM D445	1560
Viscosity, Brookfield, -40°C, mPa.s	ASTM D2983	55,000
Viscosity Index	ASTM D2270	186
Density, 15°C, kg/l	ASTM D4053	0.876
Flash Point COC, °C	ASTM D92	200
Pour Point, °C	ASTM D5950	-48

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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