TECHNICAL DATA SHEET

AIMOL Supergear S GL 4/5 75W-90

Synthetic multipurpose gear oil

DESCRIPTION

AIMOL Supergear S GL 4/5 75W-90 is a synthetic oil for universal use in manual transmissions and differentials operating under heavy loads, especially where mineral oils do not provide wear protection. Due to its wide versatility, the product provides excellent use for the lubrication of all transmission systems (Total Drive Line) over a wide temperature range.

APPLICATIONS

- All types of gearboxes, transfer cases, drive axles and hypoid differentials without self-locking, where GL-4 or GL-5 oil is prescribed
- Cars, minibuses, SUVs
- Light and heavy-duty trucks, buses, road construction and other special equipment
- Bosch power steering (according to ZF sheet TE ML 08)
- Railroad transmissions

ADVANTAGES

- Versatility of application - gear oil can be used for both trucks and cars
- Replaces both API GL-4 and GL-5 oils, suitable for both manual transmissions and hypoid transmissions
- High oxidation stability and service interval
- Provides easy and smooth gear shifting at both low and high temperatures
- Extends transmission life, reduces repair costs
- Withstands overload (EP properties), does not foam at high rpm
- Provides reliable protection against corrosion
- High thermal stability at higher temperatures
- High viscosity index allows operation over a wide temperature range
- Good oil pumpability at low temperatures
- Long drain intervals of up to 180,000 km (3 years) depending on the site of use and ambient temperature conditions

PERFORMANCE LEVELS

AIMOL Supergear S GL 4/5 75W-90 meets and exceeds the following performance levels/specifications:

- API GL-4/5, MT-1
- MAN 342 Type M2 (hypoid gears), 341 Type Z2 (manual transmissions ZF), MAN M3343 Type M
- Scania STO 1: 0
- MB 235.0, 235.1
- ZF TE-ML 02B, 05A, 07A, 08A, 16B, 16C, 16D, 17B, 19B, 21A
- Arvin Meritor 076-N
- Mack GO-J
- IVECO
- MIL-PRF-2105 B / C / D / E
- Volvo 97310
- DAF

TYPICAL FIGURES

	Method	AIMOL Supergear S GL 4/5 75W-90
Density at 20°C kg/m3	ASTM D1298	0.880
Flashpoint C.O.C. in °C	ASTM D92	213
Viscosity at 40°C in cSt	ASTM D445	86.7
Viscosity at 100°C in cSt	ASTM D445	15
Viscosity Index	ASTM D2270	183
Pour point in °C	ASTM D97	-42
Viscosity at -40 in cP	ASTM D2983	< 90 000

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TECHNICAL DATA INFO LINE

Should you require additional information or advice on AIMOL products, please contact us as per the details below.

HEALTH AND SAFETY

AIMOL Supergear S GL 4/5 75W-90 has no adverse health effects provided it is used as directed.

DISCLAIMER

Typical figures as indicated may vary per production cycle and can change at manufacturers' option. Specifications, however, are guaranteed. Because of continuous product research and development, the information within this data sheet is subject to change without any notification. Although every effort is made to ensure accurate information, A.I.M. bv accepts no liability for any loss or damage suffered caused by the incorrectness and/or incompleteness of this text, and as a result of using this product for any application other than explicitly stated in this data sheet.