

-Certificate / ProductInformation-

RAVENOL DGL SAE 75W-85 GL-5 LS

Art. 1221107

FULLY SYNTHETIC

TRANSMISSION

Description:

RAVENOL DGL SAE 75W-85 GL-5 LS is fully synthetic multi-grade hypoid transmission oil of API GL-5 power class with "limited slip" properties for manual transmissions and rear-axles in motor vehicles.

RAVENOL DGL SAE 75W-85 GL-5 LS is PAO based with a specially coordinated additive treatment. This exceeds the needs of today's application requirements.

RAVENOL DGL SAE 75W-85 GL-5 LS is excellent developed to the increased loads of gear oils to ensure the proper functioning of the transmission. It is especially suited for applications requiring "limited slip" (LS) properties.

Application Directions:

RAVENOL DGL SAE 75W-85 GL-5 LS is high-performance gear oil for the supply of transfer cases and differentials with and without limited slip "Limited Slip" of motor vehicles.

RAVENOL DGL SAE 75W-85 GL-5 LS ensures a proper lubrication in the transmission. The operating instructions of the vehicle and transmission manufacturers must be observed.

Quality Classification:

RAVENOL DGL SAE 75W-85 GL-5 LS is tried and tested for aggregates specifying:

Specifications: API GL-5 + LS, MIL-L-2105 D

Recommendations: AC Delco 10-4032; BMW 83 22 2 239 982, BMW 83 22 2 295 532, BMW Hypoid Axle Oil G1, BMW Jeep; BOT 448; Chrysler ELSD Rear Axle; Dodge; Fiat 9.55550 F426.E06, Fiat 9.55550-DA8, -DA9; GM 92184900; Honda 08200-9014 for Crosstour 2010-2015, Pilot 2006-2015, Ridgeline 2006-2014, Acura 08200-9014A for Acura MDX 2003-2014, Acura RDX 2007-2014, Acura RL 2005-2012, Acura TL 2009-2014, Acura ZDX 2010-2013; Land Rover LR052059; Mercedes Benz MB 235.7 A0019898303, MB 235.15 A0019895903, MB 235.74 A0019893303, MB 239.71 A0019898803; Mopar 68083381AA; Toyota 08885-8081, Toyota JWS 2273, Lexus; VW TL 521 90, G052 196 A2, G052 190 A2, G055 190 A2; ZF TE-ML 18.

Technical Characteristics:

RAVENOL DGL SAE 75W-85 GL-5 LS offers:

- A high pressure stable lubricating film even at high oil temperatures and under high stress.
- Outstanding shearing stability and excellent thermal stability.
- Excellent viscosity-temperature properties.
- High oxidation stability.
- Excellent wear protection, outstanding EP properties.
- Low foaming properties even at high speeds.
- Good compatibility with non-ferrous metals and sealing materials.
- Good shifting behaviour even in low temperatures, low pour point.
- Extended life.
- A stable lubricating film even at high oil temperatures and under high stress.
- Well adhering lubricating film and outstanding LS additive treatment for reduced transmission noise even when oil is hot.

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Technical Values:

Characteristics	Unit	Data	Test according to
Density at 20°C	kg/m³	862,0	EN ISO 12185
Colour		yellow brown	visual
Viscosity at 100°C	mm²/s	11,6	DIN 51562-1
Viscosity at 40°C	mm²/s	64,3	DIN 51562-1
Viscosity Index VI		177	DIN ISO 2909
Brookfield Viscosity at -40°C	mPa*s	26.000	ASTM D2983
Pourpoint	°C	-51	DIN ISO 3016
Flashpoint	°C	215	DIN ISO 2592
Foam behaviour			
Seq. I at 24°C	ml/ml	5/0	ASTM D892
Seq. II at 93,5°C	ml/ml	10/0	ASTM D892
Seq. III at 24°C after 93,5°C	ml/ml	5/0	ASTM D892
Copper Strip Test at 121°C		1b	ASTM D130

All indicated data are approximate values and are subject to the commercial fluctuations.