



RAVENOL Sperrdifferential-Hypoid-Getriebeoel LS 90



ART.-NR. 1223302

1 L | 1223302-001
4 L | 1223302-004
10 L | 1223302-010
20 L | 1223302-020
20 L | 1223302-B20
1000 L | 1223302-700

SPECIFICATIONS API GL-5 | MIL-L-2105 D

FABRICATION MINERAL

APPROVALS ZF TE-ML 05C | ZF TE-ML 12C | ZF TE-ML 16E | ZF TE-ML 21C

RECOMMENDATIONS FORD

RAVENOL Sperrdifferential-Hypoid-Getriebeoel LS 90 is locking differential hypoid gear oil that meets the extremely stringent requirements in differential gears and differential lock.

RAVENOL Sperrdifferential-Hypoid-Getriebeoel LS 90 ensures good adhesion, high pressure-resistant lubricating film and offers excellent "limited slip" (LS) properties against unwanted slip-slip properties. Greatly offset hypoid gear pairs are also under severe operating conditions effectively protected against wear.

Application Notes

RAVENOL Sperrdifferential-Hypoid-Getriebeoel LS 90 was specially developed for use in differential with high requirements on differential with differential lock.

Characteristics

RAVENOL Sperrdifferential-Hypoid-Getriebeoel LS 90 offers:

- Extremely high load carrying capacity
- Excellent wear protection by EP agents
- Excellent "limited slip" - Features
- Excellent resistance to aging
- High oxidation resistance even under high thermal stress
- Good foam / air separation and behave well at high speeds
- Neutrality towards non-ferrous metals and seals
- Excellent viscosity-temperature behavior

Property	Unit	Data	Audit
Density at 20°C	kg/m ³	887,0	EN ISO 12185
Colour		gelbbraun	visual
Viscosity at 100°C	mm ² /s	14,9	DIN 51562-10



Property	Unit	Data	Audit
Viscosity at 40°C	mm ² /s	100,0	DIN 51562/109
Brookfield Viscosity	mPa*s	5.500	ASTM D 2983
Pourpoint	°C	-30	DIN ISO 3016
Flash point (COC)	°C	214	DIN ISO 2592
Copper Strip Test		1b	ASTM D130

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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