



RAVENOL Sperrdifferential-Hypoid-Getriebeöl LS 90

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

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

Quality Classifications

RAVENOL Sperrdifferential-Hypoid-Getriebeöl LS 90 corresponds to:

Specifications

API GL-5, MIL-L-2105 D

Approvals

ZF TE-ML 05C, ZF TE-ML 12C, ZF TE-ML 16E, ZF TE-ML 21C

Practice and tested in aggregates with filling

Ford

Characteristic

RAVENOL Sperrdifferential-Hypoid-Getriebeöl 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

Characteristics	Unit	Data	Audit
Density at 15°C	kg/m ³	900	EN ISO 12185
Viscosity at 40°C	mm ² /s	155,0	DIN 51 562
Viscosity at 100°C	mm ² /s	15,7	DIN 51 562
Viscosity index VI		140	DIN ISO 2909
Flash point (COC)	°C	>170	DIN ISO 2592
Pourpoint	°C	-21	DIN ISO 3016

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

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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