

SRS Violin HGAV 80W-90



High Performance Gear Oil

August 2023

Characteristics

SRS Violin HGAV 80W-90 is manufactured from selected base oils with specially adapted additives. The SAE 80W-90 viscosity grade guarantees both good post-flow behaviour at low temperatures and high lubrication reliability at high temperatures. SRS Violin HGAV 80W-90 has good low-temperature behaviour and very good wear and corrosion protection properties - especially at high temperatures. Due to the high oxidation protection, longer oil change intervals are achieved and the formation of harmful deposits in the axle gears is avoided.

Application

SRS Violin HGAV 80W-90 is a high-performance gear oil for highly loaded drive axles with hypoid gearing and large axle offset. It is suitable for gearbox applications with difficult load-speed conditions and also for use in final drives. SRS Violin HGAV 80W-90 contributes to grade reduction due to its multigrade character.

Specifications

- SAE Grade 80W-90
- API GL-5
- API MT-1
- SAE J 2360
- MIL-PRF-2105D/E

Approvals

- DTFR 12B110 (MB 235.20)
- MAN 342 Type M3
- Scania STO 1:0
- ZF Approval Number ZF010330
ZF TE-ML 05A, 12L, 12M, 16B, 17B, 19B, 21A

Recommendations

- Robert Bosch TE-ML 08
- Arvin Meritor O-76-D
- DAF
- IVECO
- Mack GO-J
- ZF TE-ML 07A

SRS Violin HGAV 80W-90 is a product of the H&R ChemPharm GmbH.

Typical Data	Test Method	SRS Violin HGAV 80W-90
SAE Grade	SAE J 306	80W-90
Density at 15°C	DIN 51 757	0.893
Dyn. Viscosity at -26°C	DIN 51 398	127,000
Kin. Viscosity at 40°C	DIN EN ISO 3104	141
Kin. Viscosity at 100°C	DIN EN ISO 3104	14.5
Viscosity Index (VI)	DIN ISO 2909	100
Flash Ppoint COC	DIN EN ISO 2592	214
Pour Point	DIN EN ISO 3016	-33

The above values may vary within the commercial limits.

Made in Germany