

SRS Violin HL 5



Gear Oils for Drive Axles

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Characteristics

SRS Violin HL 5 gear oils are blends of selected base oils with load carrying additives and oxidation inhibitors. Multigrade characteristics of Violin HL 5 ensure good low temperature fluidity and high wear protection at high temperature.

Application

SRS Violin HL 5 gear oils are suitable for highly loaded hypoid drive axles, as well as for bevel and spur gears, steering gears and for not synchronized gearboxes of motor vehicles and working machines without synchromesh, insofar as gear oils in accordance with API GL-5 are prescribed.

Performance / Specifications

- SAE Grade 80W-90 and 85W-90
- API GL-5
- MIL PRF – 2105 D

Approvals / Recommendations

- MAN 342 Type M1/M2
- ZF Approval Number ZF001911 / ZF001912
ZF TE-ML 05A, 12E, 16B, 16C, 17B, 19B, 21A

SRS Violin HL 5 gear oils are products of the H&R ChemPharm GmbH.

Typical Data	Test Method	SRS Violin HL 5	
		SAE 80W-90	SAE 85W-90
SAE Grade	SAE J 306	80W-90	85W-90
Density at 15°C	DIN 51 757	0.892	0.898
Dyn. Viscosity at - 26°C	DIN 51 398	140.000	-
Dyn. Viscosity at - 12°C	DIN 51 398	-	21.000
Kin. Viscosity at 40°C	DIN EN ISO 3104	140	198
Kin. Viscosity at 100°C	DIN EN ISO 3104	14,1	17,6
Viscosity Index (VI)	DIN ISO 2909	98	96
Flash Point COC	DIN ISO 2592	230	230
Pour Point	DIN ISO 3016	-30	-21
FZG-Test A/8,3/90	DIN ISO 14 635	>12	>12

The above values may vary within the commercial limits.

Made in Germany