

SRS Violin 450



Power Transmission Oil

October 2023

Characteristics

SRS Violin 450 is special power transmission oil for agricultural equipment and construction engines.

SRS Violin 450 fulfils the increased requirements of Caterpillar TO-4 specification and is suitable for use in transmissions, final drives, hydraulic systems, wet brakes and clutches requiring Caterpillar TO-4.

Application

SRS Violin 450 guarantees highest wear protection in different transmissions as lateral drives and differentials, optimises the friction coefficient in power shift gear boxes, wet brakes and clutches and maximizes the lifetime of engines and equipment.

The manufacturer's operating instructions must be observed.

Performance / Specifications

- SAE Grade 50
- API GL-4
- API CF

Approvals / Recommendations

- Caterpillar TO-4
- Caterpillar TO-2
- Allison C-4
- DANA-OHTM-TO-50
- Komatsu KES 07.868.1
- Sperry Vickers / Eaton M2950S
- Sperry Vickers / Eaton I-286-S

SRS Violin 450 is a product of the H&R ChemPharm GmbH.

Typical Data	Test Method	SRS Violin 450
SAE Grade	SAE J 306	50
Density at 15°C	DIN 51 757	0,892
Dyn. Viscosity -26°C	DIN 51 398	-
Kin. Viscosity at 40°C	DIN EN ISO 3104	220
Kin. Viscosity at 100°C	DIN EN ISO 3104	18,4
Viscosity Index (VI)	DIN ISO 2909	92
Flash Point COC	DIN EN ISO 2592	282
Pour Point	DIN EN ISO 3016	-24

The above values may vary within the commercial limits.

Made in Germany