

SRS Leichtlauf Motorenöl O-1178



Low Friction Engine Oil

July 2018

Characteristics

SRS Leichtlauf Motorenöl O-1178 is based on synthetic technology and accurately adapted additives. Excellent lubrication at all temperatures and exceptional wear protection under all operating conditions are outstanding properties of SRS Leichtlauf Motorenöl O-1178.

Application

SRS Leichtlauf Motorenöl O-1178 is a multigrade engine oil for the lubrication of all kind of combustion engines in land and sea vehicles and stationary equipment. Hydraulic systems, torque converter and clutches can be serviced by this lubricant just as well as gear boxes and steering gears of wheel vehicles.

SRS Leichtlauf Motorenöl O-1178 is designed for use in temperature ranges of – 40 °C up to 30 °C.

Performance/Specifications

SRS Leichtlauf Motorenöl O-1178 is approved by the German Army against specification TL 9150-0080/4 with the qualification certificate B-0443.

- NATO-Kode O-1178
- Bw-Kode OY1175
- SAE Grade 0W-30
- API CF-4/SF

Approval / Recommendations

- Bundeswehr: TL 9150 – 0080/4
- ZF TE-ML 13

SRS Leichtlauf Motorenöl O-1178 is a product of the H&R ChemPharm GmbH.

Typical Data		Test Method	SRS Leichtlauf Motorenöl O-1178
SAE-Grade		SAE J 300	0W-30
Density at 15°C	g/cm ³	DIN 51 757	0.860
Dyn. Viscosity at –20°C (CCS)	mPas	ASTM D 5293	6,130
Kin. Viscosity at 40°C	mm ² /s	DIN EN ISO 3104	51.9
Kin. Viscosity at 100°C	mm ² /s	DIN EN ISO 3104	10.7
Viscosity Index (VI)		DIN ISO 2909	198
Flash Point COC	°C	DIN ISO 2592	230
Pour Point	°C	DIN ISO 3016	<-49
Total Base Number	mgKOH/g	DIN ISO 3771	11.3

The above values may vary within the commercial limits.

Made in Germany