

# SRS Leichtlauf Motorenöl O-1180



Low-SAPS Longlife Engine Oil for Commercial Vehicles

June 2025

## Characteristics

**SRS Leichtlauf Motorenöl O-1180** is a Low SAPS longlife engine oil.

The year round viscosity grade SAE 10W-40 is achieved by selected base oils and the Low SAPS additive technology.

## Application

**SRS Leichtlauf Motorenöl O-1180** can be used for the lubrication of any combustion engine, especially for diesel engines with or without exhaust aftertreatment systems

SRS Leichtlauf Motorenöl O-1180 is designed for use in temperature ranges of -35°C up to 50°C.

**SRS Leichtlauf Motorenöl O-1180** is approved by the German Army against specification TL 9150-0107/4 with the qualification certificate B-0515.

## Specifications

- SAE Grade 10W-40
- ACEA E6, E7, E8, E9, E11
- API CK-4, CI-4 plus, CI-4
- NATO-Kode O-1180
- Bw-Kode OY1260

## Approval

- Bundeswehr: TL 9150 – 0107/4  
Admission according to VG 95211

SRS Leichtlauf Motorenöl O-1180 is a product of the H&R ChemPharm GmbH.

| Typical Data                               | Test Method      | SRS Leichtlauf Motorenöl O-1180 |
|--------------------------------------------|------------------|---------------------------------|
| SAE-Grade                                  | SAE J 300        | 10W-40                          |
| Density at 15°C g/cm <sup>3</sup>          | DIN EN ISO 12185 | 0.864                           |
| Dyn. Viscosity at -20°C (CCS) mPas         | ASTM D 5293      | 6,700                           |
| Kin. Viscosity at 40°C mm <sup>2</sup> /s  | DIN EN ISO 3104  | 98.1                            |
| Kin. Viscosity at 100°C mm <sup>2</sup> /s | DIN EN ISO 3104  | 14.2                            |
| Viscosity Index (VI)                       | DIN ISO 2909     | 149                             |
| Flash Point COC °C                         | DIN ISO 2592     | 239                             |
| Pour Point °C                              | DIN ISO 3016     | -42                             |
| Total Base Number mgKOH/g                  | ASTM D 2896      | 11.9                            |

The above values may vary within the commercial limits.

**Made in Germany**

