

SRS Wiolan CM



Gear Oils

February 2017

Characteristics

SRS Wiolan CM series are developed to meet the special requirements of the steel industry. Only highly solvent refined paraffinic neutral base oils are blended with well-balanced additives. The outstanding exceptional properties of SRS Wiolan CM oils are:

- excellent demulsibility
- very high resistance to oxidation (oxidation stability)

Application

SRS Wiolan CM oils are primarily used in steel rolling mills with Morgan bearings. Ingressed water is not emulsified and can be continuously removed from the system at suitable points.

Performance / Specifications

The following requirements are met and many of the data are outperformed by far.

- Morgoil
- DIN 51 517 part 1 and 2
- ISO 12925-1 Type CKB
- ISO 6743-6 Type CKB

Approvals

- VDEh-Approval SEB 181 225 (CL)

SRS Wiolan CM series are products of the H&R ChemPharm GmbH.

| Typical Data | Test Method | SRS Wiolan CM | | | | |
|-------------------------|------------------------------------|---------------|--------|--------|--------|--------|
| | | 150 | 220 | 320 | 460 | 680 |
| Designation | DIN 51 502 | CL150 | CL 220 | CL 320 | CL 460 | CL 680 |
| Colour | DIN ISO 9049 | 2.5 | 3.0 | L 3.5 | 3.5 | 4.0 |
| Density at 15°C | g/cm ³ DIN 51 757 | 0.888 | 0.890 | 0.896 | 0.896 | 0.901 |
| Kin. Viscosity at 40°C | mm ² /s DIN EN ISO 3104 | 153 | 220 | 310 | 460 | 667 |
| Kin. Viscosity at 100°C | mm ² /s DIN EN ISO 3104 | 14.4 | 17.9 | 22.4 | 29.3 | 37.3 |
| Flash Point COC | °C DIN ISO 2592 | 260 | 270 | 270 | 275 | 300 |
| Pour Point | °C DIN ISO 3016 | -12 | -12 | -12 | -12 | -12 |
| Demulsibility at 82°C | min ASTM D 1401 | 10 | 15 | 20 | 20 | 25 |

The above values may vary within the commercial limits.

Made in Germany