

# SRS Wiolan CN



## Industrial Gear Oils

February 2017

### Characteristics

**SRS Wiolan CN** series are highly solvent refined paraffinic neutral mineral oils, which respond very effectively to selected antioxidants and corrosion inhibitors to surpass the requirements for circulating oils.

### Application

In practice, **SRS Wiolan CN** circulating oils are used wherever the application of CLP oils is not necessarily required, but where high thermal stresses can occur.

### Performance / Specifications

- CL acc. to DIN 51 517 part 2 (ISO VG 32 – 680)
- CKB acc. to ISO 12925 - 1 (ISO VG 32 – 680)
- CKB acc. to ISO 6743 – 6 (ISO VG 32 – 680)
- HL acc. to DIN 51 524 part 1 (ISO VG 10 – 150)
- VB/VBL acc. to DIN 51 506 (ISO VG 22 – 460)

SRS Wiolan CN oils are products of the H&R ChemPharm GmbH.

| Typical Data            | Test Method                        | SRS Wiolan |       |       |       |       |       |
|-------------------------|------------------------------------|------------|-------|-------|-------|-------|-------|
|                         |                                    | CN 5       | CN 10 | CN 22 | CN 32 | CN 46 | CN 68 |
| Designation             | DIN 51 502                         | CL 5       | CL 10 | CL 22 | CL 32 | CL 46 | CL 68 |
| Colour                  | DIN ISO 2049                       | 0.5        | 0.5   | 1.0   | 1.0   | 2.0   | 2.5   |
| Density at 15°C         | g/cm <sup>3</sup> DIN 51 757       | 0.838      | 0.855 | 0.870 | 0.875 | 0.882 | 0.883 |
| Kin. Viscosity at 40°C  | mm <sup>2</sup> /s DIN EN ISO 3104 | 4.98       | 10.1  | 22.1  | 30.0  | 48.6  | 68.9  |
| Kin. Viscosity at 100°C | mm <sup>2</sup> /s DIN EN ISO 3104 | 1.82       | 2.64  | 4.29  | 5.38  | 6.78  | 8.61  |
| Flash Point COC         | °C DIN ISO 2592                    | 125        | 210   | 190   | 200   | 225   | 225   |
| Pour Point              | °C DIN ISO 3016                    | -33        | -30   | -21   | -21   | -21   | -21   |
| Steel Corrosion         | Grade DIN 51 585                   | 0 - B      | 0 - B | 0 - B | 0 - B | 0 - B | 0 - B |

| Typical Data            | Test Method                        | SRS Wiolan |        |        |        |        |        |
|-------------------------|------------------------------------|------------|--------|--------|--------|--------|--------|
|                         |                                    | CN 100     | CN 150 | CN 220 | CN 320 | CN 460 | CN 680 |
| Designation             | DIN 51 502                         | CL 100     | CL 150 | CL 220 | CL 320 | CL 460 | CL 680 |
| Colour                  | DIN ISO 2049                       | 2.0        | 2.5    | 3.0    | 3.0    | 3.5    | 4.0    |
| Density at 15°C         | g/cm <sup>3</sup> DIN 51 757       | 0.883      | 0.888  | 0.890  | 0.896  | 0.901  | 0.901  |
| Kin. Viscosity at 40°C  | mm <sup>2</sup> /s DIN EN ISO 3104 | 99.5       | 153    | 217    | 311    | 459    | 667    |
| Kin. Viscosity at 100°C | mm <sup>2</sup> /s DIN EN ISO 3104 | 10.8       | 14.4   | 17.9   | 22.4   | 29.3   | 37.3   |
| Flash Point COC         | °C DIN ISO 2592                    | 250        | 260    | 270    | 270    | 275    | 300    |
| Pour Point              | °C DIN ISO 3016                    | -12        | -12    | -12    | -12    | -12    | -12    |
| Steel Corrosion         | Grade DIN 51 585                   | 0 - B      | 0 - B  | 0 - B  | 0 - B  | 0 - B  | 0 - B  |

The above values may vary within the commercial limits.

**Made in Germany**