

# SRS Wiolan HF 32 synth



## Fully-synthetic Hydrodynamic Transmission Oil

February 2020

### Characteristics

**SRS Wiolan HF 32 synth** is a fully-synthetic hydrodynamic transmission oil for hydrodynamic power transmissions in high loaded hydrodynamic railway gearboxes with a high oxidation stability, optimal air release properties and effective corrosion protection. Specially selected additives improve the load carrying capacity and ensure an optimum wear protection.

SRS Wiolan HF 32 synth is particularly characterized by the low temperature properties down to -40°C. The efficiency of transmission is significantly improved by the fully synthetic transmission oil.

### Application

**SRS Wiolan HF 32 synth** is a fully-synthetic hydrodynamic transmission oil with very high thermal and oxidative stability used for high loaded hydrodynamic transmissions, amongst others in locomotives and other rail-specific applications. SRS Wiolan HF 32 synth is particularly used for operating at extended oil change intervals (up to 20.000 h) and is officially approved for use in Voith turbo transmissions.

### Performance

- CLP 32
- HLP 32

### Approvals

- Voith Turbo 120.00059010, Index 14

SRS Wiolan HF 32 synth is a product of the H&R ChemPharm GmbH.

Typical data	Test method	SRS Wiolan HF 32 synth
Designation	DIN 51 502	CLP / HLP 32
Density at 15°C	DIN 51 757	0.841
Dyn. Viscosity at -35°C	DIN 51 398	3.950
Kin. Viscosity at 40°C	DIN EN ISO 3104	29.8
Kin. Viscosity at 100°C	DIN EN ISO 3104	5.67
Viscosity Index (VI)	DIN ISO 2909	133
Flash Point	DIN ISO 2592	245
Pour Point	DIN ISO 3016	<-60
Air Release Characteristics at 50°C	DIN 51 381	1
FZG-Test A/8,3/90	DIN ISO 14 635	> 12

The above values may vary within the commercial limits.

**Made in Germany**