

SRS Wiolan HF 32 DB



Hydrodynamic Transmission Oil

October 2023

Characteristics

SRS Wiolan HF 32 DB was specifically developed for hydrodynamic power transmissions in high loaded hydrodynamic railway gearboxes. Due to optimal formulation of high refined base oils and specific additives, SRS Wiolan HF 32 DB shows superior anti-wear-characteristics, even more essential than standard hydraulic fluids. SRS Wiolan HF 32 DB is also characterized by good foaming characteristics, optimal air release properties, high oxidation stability, effective corrosion protection, enhanced compatibility with non-ferrous metals and a higher thermic-oxidative resistance.

Application

SRS Wiolan HF 32 DB is a special power transmission fluid used for high loaded hydrodynamic transmissions, amongst others in locomotives and specific applications e. g. hydrodynamic clutches, torque converters, electronic regulated turbo transmissions and other industrial plants. SRS Wiolan HF 32 DB is recommended by well-known manufacturers of hydrodynamic transmissions.

Performance

- CLP 32
- HLP 32

Approvals

- German Railways
- Voith Turbo
- Voith Turbo 120.00059010, Index 14

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

Typical data	Test method	SRS Wiolan HF 32 DB
Designation	DIN 51 502	CLP / HLP 32
Density at 15°C	DIN 51 757	0.865
Kin. Viscosity at 40°C	DIN EN ISO 3104	31.6
Kin. Viscosity at 100°C	DIN EN ISO 3104	5.5
Viscosity Index (VI)	DIN ISO 2909	109
Flash Point	DIN ISO 2592	228
Pour Point	DIN ISO 3016	-42
Air Release Characteristics at 50°C	DIN 51 381	3
FZG-Test A/8,3/90	DIN ISO 14 635	> 12

The above values may vary within the commercial limits.

Made in Germany