



Specifically designed oil Turbo Transmission Fluid

Voith Turbo Transmission Fluid is a high viscosity index lubricant formulated with selected base stocks and with anti-oxidant, anti-rust, anti-wear and anti-foam additives. Voith Turbo Transmission Fluid, thanks to its chemical and physical properties, has been designed for hydrodynamic power transmissions in high loaded hydrodynamic railway transmissions.

The product provides the following properties:

- High viscosity index
- Low pour point
- Very high anti-wear capacity
- Increased thermal-oxidative resistance
- Very good air release properties
- Good anti-foam properties
- High filterability
- Anticorrosion and anti-rust capability
- Compatibility with gaskets and ferrous and non-ferrous metals

Application fields

The lubricant is specifically designed for Voith turbo transmissions.

Approvals

Voith 120.00059010, Index 1

Chemical-physical characteristics

Turbo Transmission Fluid	Specifications CLP 32, HLP 32		
	Method analysis	Unit measure	Value
Density at 15°C	ASTM D1298	kg/l	0,870
Kinematic viscosity at 40°C	ASTM D445	cSt	31,6
Kinematic viscosity at 100°C	ASTM D445	cSt	5,5
Viscosity index	ASTM D2270	-	111
Air release properties at 50°C	ASTM D3427	Minutes	3
FZG failure load stage (AI 8, 3/ 90)	ASTM D5182	Stage	> 12
Flash point (C.O.C.)	ASTM D92	° C	220
Pour point	ASTM D97	° C	- 42

The data above refers to average values and should not be regarded as guaranteed characteristics.

Packaging & Code

Packaging	Quantity	Order Number
Bucket	25 l	301515486
Drum	209 l	301515481
Tank	1.000 l	301515482

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