



High performance synthetic lubricant for final drive units V Gear Synth Plus SAE 75W-90

V Gear Synth Plus SAE 75W-90 is a fully synthetic product formulated with selected base stocks and performance additives with a very high technological content.

The formulation is the result of an innovative chemistry, studied for facing extreme working conditions and to optimize mechanic efficiency.

V Gear Synth Plus SAE 75W-90 provides the following properties:

- Excellent EP (Extreme Pressure) and anti-wear performance for a great protection of gears
- Very High Viscosity Index that means more stable lubrication while temperature changes and furthermore improves life and operativeness of moving parts
- Very high shear stability (resistance to viscosity drop phenomenon due to mechanical stress) to keep the viscosity properties of the lubricant almost equal to starting conditions
- Excellent fluency at low temperatures: this provides an immediate lubrication also under extremely rigid ambient conditions
- Outstanding thermal-oxidative stability and protection against sludge, varnish and deposits
- High anti-corrosion, anti-rust and anti-foam characteristics
- Excellent compatibility with gaskets, also at high temperatures, allowing the product to operate efficiently without losses and/or leaking guaranteeing greater environment concern

Application fields

V Gear Synth Plus SAE 75W-90 is a special lubricant for Voith final drive units/Cylindrical and bevel gear units, typically used in rail applications, and that require Voith 3.325-340 specification.

Approvals

Voith lubricant list 132.00374401 (3.325-340) – “Synthetic transmission oil for Voith final drive units/Cylindrical and bevel gear units”.

Voith Group
St. Poeltener Str. 43
89522 Heidenheim
Germany

www.voith.com/ita-en

Contact:
Phone +39 0522 356 711
vtivferroviacommerciale@voith.com



Chemical-physical characteristics

V Gear Synth Plus	Specifications CLP 32, HLP 32		
	Method analysis	Unit measure	Value
Density at 15°C	ASTM D1298	kg/l	0.873
Kinematic viscosity at 40°C	ASTM D445	cSt	121.2
Kinematic viscosity at 100°C	ASTM D445	cSt	16.6
Viscosity index	ASTM D2270	–	148
Brookfield viscosity at -40°C	ASTM D2983	cP	130.000
Kinematic viscosity loss at 100°C after KRL (Stage C)	CEC L-45-A-99	% (cSt/cSt)	3.0
Kinematic viscosity at 100°C after KRL (Stage C)	ASTM D445	cSt	16.1
Kinematic viscosity loss at 100°C after KRL (100h)	CEC L-45-A-99	% (cSt/cSt)	6.0
Kinematic viscosity at 100°C after KRL (100h)	ASTM D445	cSt	15.6
Flash point (C.O.C.)	ASTM D92	° C	220
Pour point	ASTM D97	° C	- 43

The data just above refer to average values and must not be understood as guaranteed characteristics.

Packaging & Code

Packaging	Quantity	Order Number
Bucket	25 l	301515805
Drum	209 l	301515806
Tank	1.000 l	301515807

VOITH