

Class B Lubricant for Voith Retarders. VR Fluid S



VR Fluid S is a class B lubricant for Voith Retarders.

Lubricant acquires fundamental importance when speaking of Voith Retarders.

All braking power is transmitted to the oil which as a consequence is subject to high thermal and mechanical strain.

Continuous warming cycles are detrimental to the fluid, which resistance and stability are essential to ensure first-rate performances during all operating time. VR Fluid S contributes substantially to preserve an excellent performances of Voith Retarders.

Chemical and physical features

SAE Viscosity grade	10W40
Kinematic viscosity at 100° C	14.1 cSt
Viscosity index	145
Flash point (C.O.C)	230° C

Additives

- Good seals compatibility
- High antirust and anticorrosive properties
- First-rate antifoam properties

API Group III, base oils

- Good thermal-oxidative stability

Maintenance (Oil change intervals by milage in km; but after 2 years at the latest)

	Bus	Truck
Profile 1	180 000 km	135 000 km
Profile 2	120 000 km	90 000 km
Profile 3	90 000 km	65 000 km

Determination of applications category

Application profile	Total weight of vehicle	Application category
<ul style="list-style-type: none">• Long-distance traffic• Long-distance passenger traffic• Distances covered on Interstates over 80 %• Climatic conditions similar to Central Europe	up to 44 t	Profile 1
	up to 50 t	Profile 2
	over 50 t	Profile 3
<ul style="list-style-type: none">• Regular services, distribution services, local passenger transport - stop & go• Distances covered on Interstates over 50 %• Share of time travelled in city traffic over 50 %	up to 44 t	Profile 2
	up to 50 t	Profile 2
	over 50 t	Profile 3
<ul style="list-style-type: none">• Areas with higher average outside temperatures than in Central Europe• Frequent use in altitudes above 1500 m above sea level• Distances with a high gradient share• Construction vehicles and timber trucks	up to 44 t	Profile 3
	up to 50 t	Profile 3
	over 50 t	Profile 3

Approvals

Voith Retarder oil class B

Package & Code

VR Fluid S is available in the following packaging:

Tank	q.ty 1 000l	cod. Voith 301 505 182
Drum	q.ty 209l	cod. Voith 301 505 181
Bucket	q.ty 25l	cod. Voith 301 505 180
Can	q.ty 5l	cod. Voith 301 505 179

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