



Aminol AirTec VDL 46

Product Data Sheet

Compressor oil

Product description

Aminol AirTec VDL 46 is an advanced low-friction compressor oil that combines highly refined conventional base stocks with cutting-edge additive technology. It is specially designed to deliver extraordinary lubrication for centrifugal, piston, rotary screw, and sliding vane compressors.

Application

- Reciprocating air compressor crankcases and cylinders
- Rotary screw compressors
- Rotary vane compressors
- Axial and centrifugal compressors
- Compressor systems with critical gears and bearings
- Compressors used in stationary and mobile applications

Features & Benefits

- Superior thermal and oxidation stability
- Excellent varnish and sludge control
- High load carrying capability
- Enhanced resistance to rusting and corrosion
- Outstanding anti-wear, demulsibility, and anti-foam properties
- Exceptional water separability

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	46
Density at 15°C	g/cm ³	ASTM D 4052	0.885
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	46.00
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	6.690
Viscosity Index	-	ASTM D 2270	96
Flash Point (COC)	°C	ASTM D 92	220
Pour Point	°C	ASTM D 7346	-24
Copper Strip Corrosion	-	ASTM D 130	1b

Typical property characteristics are based on current production. Whilst future production will conform to Aminol specifications, variations in these characteristics may occur.



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Performance claims

- DIN 51506 VDL
- ISO 6743/3A (L-DAB/ L-DAC/ L-DAH/ L-DAG)

Health, Safety & Environment

Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained. For further guidance on Product Health & Safety, refer to the appropriate Safety Data Sheet, which can be obtained upon request or through our website: www.aminol.az

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil, or water.

Available pack sizes

- 20 L Canister plastic
- 30 L Canister plastic
- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun, or freezing conditions.

Notes

This data sheet and the information it contains are believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application, and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by ALCO LLC for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services, and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.

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2/2