



Product Data Sheet

Aminol™ AirTec 46

Compressor oil

Product description

Aminol™ AirTec 46 is a high-performance lube oil specially engineered to meet the stringent requirements of major compressor manufacturers . It has been blended from carefully selected base oils and a well-balanced additive package to ensure excellent corrosion protection and ageing resistance as well as a low tendency to form carbon residues and deposits.

Application

- Reciprocating compressors transmitting air, inert (non-corrosive) and hydrocarbon gases
- Reciprocating compressors up to 160 °C compression discharge temperature
- Oil lubricated sliding and rolling bearings

Features & Benefits

- Remarkable anti-wear performance
- Better low-temperature fluidity
- Resistant to aging over time
- Decreased deposits in discharge lines
- Improved water-separating properties

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	46
Density at 15°C	g/cm ³	ASTM D 4052	0.888
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	46.00
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	6.74
Viscosity Index	-	ASTM D 2270	98
Acid number	mg KOH /g	ASTM D 974	0.01
Flash Point (COC)	°C	ASTM D 92	230



Pour Point	°C	ASTM D 97	-18
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.

Performance claims

- DIN 51506 VDL (VB, VC)
- ISO 6743/3A (L-DAA)

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

- 1 L Canister plastic
- 4 L Canister plastic
- 5 L Canister plastic
- 7 L Canister plastic
- 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

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