

Atlas Copco Lubricants Roto-H Plus

For oil-free ZH centrifugal compressors to offer improved performance

Roto-H Plus is a unique lubricant, especially created for Atlas Copco oil-free centrifugal ZH compressors. The heavy-duty blend provides optimum lubrication of the compressor sleeve bearings. In addition, Roto-H Plus guarantees top performance and maximum durability of all other moving parts. This improved reliability translates into maximum equipment uptime.

It is a highly cost-effective lubricant: drain intervals can extend up to 24 000 hours* with only a 6-monthly oil analysis in between.

* Subject to normal operating conditions.



Features

Strong control of oxidation

Roto-H Plus provides high resistance to oxidative degradation.

High resistance to foaming and rapid air release

The oil couples low foaming tendency with fast air-release properties.

Excellent rust and corrosion protection

Prevents the formation of rust and guards against onset of corrosion.

Benefits

This results in extended oil life, minimizing the formation of aggressive corrosive acids, deposits and sludge, reducing your operating costs.

This reduces the possibility of problems such as excessive wear and premature oil oxidation giving you increased system reliability.

Ensures the protection of the equipment following exposure to humidity or water during operation and during shut-downs, minimizing maintenance cost.

Atlas Copco Lubricants

Roto-H Plus

Characteristics

Appearance

Amber color

Performance	Method	Unit	Value
Density at 15 °C	ISO 3675	kg/dm ³	0.849
Viscosity at 40 °C	ASTM D 445	mm ² /s	32
Viscosity index	ASTM D 2270		105
Foam stability	ASTM D 892	ml	0/0/0
Total acid number	ASTM D 974	mg KOH/g	0.06
Rust test	ASTM D 665B		pass

These characteristics are typical of current production. Whilst future production will conform to Atlas Copco's specification, variations in these characteristics may occur. Complies with ISO 6743 /3 /1A class L-DAH

ID Card

Name	Roto-H Plus
Oil type	High quality hydro treated base oil
Service intervals	24 000 h at normal operating conditions
Environment	Ambient temperature range 0°C to 30°C
Equipment	Atlas Copco centrifugal compressors
Compatibility	ZH, H compressors
Capacity (ID)	20 l plastic can (2908 8507 00) 209 l metal drum (2908 8508 00)



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