



Technical Data Sheet

AIRCOM P

Lubricant for alternative and rotary air compressors

Oil for reciprocating and rotary compressors to high quality air, specifically formulated to provide excellent lubrication. They are suitable for the majority of air compressors operating in the high pressure regime and with exhaust temperatures up to 220°C.

Applications & Benefits

- Low maintenance costs

The extended charging range over conventional compression oils at a higher efficiency rate allows extended valve and piston maintenance intervals in particular applications. Minimizes squeegee formation, ensuring improved reliability and cleanliness of the hydraulic system.

- Advanced Protection

Thanks to the proven action of the additives, effective protection and prevention of corrosion and wear phenomena affecting metallic inner surfaces, preserving and prolonging the durability of critical components such as bearings and pistons.

- Resistance to thermal degradation

Highly refined bases with the help of additives allow the lubricant to withstand thermal and chemical degradation, thus reducing the formation of burrs.

- Greater Security

It may happen that a combination of rust particles and carbonaceous deposits that trigger heat build-up can lead to explosive phenomena or flame formation in the exhaust lines. AIRCOM P helps minimize such percolates.

- Versatility

- Alternative air compressor

Suitable for use in alternative air compressors operating at exhaust air temperatures up to 220°C.

- Rotary air compressors with pallets

Suitable for oil spraying air injectors or oil injection.

- Screw Air Compressors

Suitable for oil or injection air compressors operating up to 15 bar with exhaust air temperatures up to 100°C.

Specifications & Approvals

- Exceeds the specifications listed below:

AIRCOM P Hydraulic Oils are classified as ISO-L-DDA and ISO-L-DAG respectively for alternate and rotary air compressors.

DIN 51506 VDL

Remember to always check the usage and maintenance manual for the correct choice.

AIRCOM P fluids are compatible with all mineral based lubricants, however, hydraulic fluids should never be mixed with other fluids (biodegradable, flame retardant, etc.).

*For further information please contact the Technical Service.



Chemical-Physical Characteristics

Test	Method	Aircom P			
ISO Grade	-	32	46	68	100
Density @ 15°C, kg/dm ³	ASTM D 4052	0.855	0.855	0.865	0.870
Viscosity cSt @ 40°C cSt @ 100°C	ASTM D 445	32.0 5.5	46.0 6.5	68.0 9.5	100.0 11.5
Viscosity Index - Unit	ASTM D 2270	110	105	105	100
Copper corrosion - 3h @ 100°C	ASTM D 130	1B	1B	1B	1B
Rust-preventing	ASTM D 665A	Exceeds	Exceeds	Exceeds	Exceeds
Pour point, °C	ASTM D 97	-30	-30	-30	-27
Flash point, °C	ASTM D 92	225	225	230	230
Demulsivity, minutes 40/40/0	ASTM D 1401	5	5	5	5
Foaming Trend / Stability	ASTM D 892	0/0	0/0	0/0	0/0
FZG / exceeded stage	DIN 51354	10	10	10	10
4 spheres anti-wear, wear diameter, mm	ASTM D 4172	0.34	0.34	0.34	0.34
Sulphated Ash, % wt	ASTM D 874	0.03	0.03	0.04	0.05
Rotating Bomb Oxidation Test (RBOT), minutes	ASTM D 2272	500+	500+	500+	500+

NOTE: The above values are "typical" for normal production tolerance and do NOT constitute a specification.

Storage, Health & Environment

- Storage & Health

It is recommended to store AIRCOM P lubricant under cover. If storage is carried out outdoors, it is recommended to position the drums, preferably under a roof, in a horizontal position and, if kept upright, cover them with a lid to prevent water infiltration. It is advisable not to store the packs at temperatures above 60°C or directly to the sun as it is good to keep them in places not subject to freezing.

AIRCOM P does not have any health effects when properly used, applying normal personal hygiene standards.

- Environment

Do not discharge the new and/or exhausted lubricant into the sewage system, soil or waterways. Exhausted lubricant must be delivered to an authorized collection point.



Additional information

- Safety Data Sheet

It is provided aside and must be considered for its information or can be easily downloaded from www.rilub.it
Contact your technical service for more information:



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