

Lubricant for rotary screw and vane air compressors

Description

DAYAN COMPRESSOR D is a premium quality lubricant with detergent properties developed for the lubrication of rotary sliding vane and screw air compressors. It is based on a blend of selected solvent refined base oils and carefully chosen additives.

Features and benefits

- Very good oil oxidation resistance: Resists formation of deposits of carbon in sliding vane slots, enabling them to move freely. Also resists deposit formation on rotating components of screw compressors. As a consequence, high levels of compressors efficiency can be maintained for throughout the normal drain period.
- Very good rusting and wear protection: Effectively protects all metal surfaces from corrosion. Protects all sensitive machinery parts, e.g. gears, screws, bearings, from wear and prolongs the service intervals.
- Very good internal cleanliness: Coupled with the oil's long life capability is its ability to maintain excellent internal surface cleanliness in service, even in machines running under severe environmental conditions. This is important to maintain high levels of performance for the compressor and separator/coalescer.

Applications

- Screw air compressors: Oil flooded or oil injected air compressors, operating at up to 15 bar and 100°C air discharge temperatures. Machines running in mobile equipment, e.g. construction sites, railways, particularly in severe environments.
- Rotary sliding vane air compressors: Oil flooded or oil injected air compressors.

Specification

- ISO 6743/3/1A/DAH & DAJ

Product and environmental safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

The DAYAN trademark is registered and protected in Iran.

Technical Data

Test	Units	Method	46	68	100
ISO Viscosity Grade	-	-	46	68	100
Base Oil Type	-	-	Mineral	Mineral	Mineral
Relative Density at 15°C	g/ml	ASTM D4052	0.86	0.86	0.86
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	46	68	100
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	6.75	8.7	11.2
Viscosity Index	-	ASTM D2270	99	99	97
Open Flash Point	°C	ASTM D92	230	240	240
Pour Point	°C	ASTM D5985	-30	-27	-21
(4-ball) welding point	ml/m	ASTM D1401	40 /40/0	40 /40/0	40 /40/0

Note:

- 1- The Typical characteristics are given as a guide only and may vary according to latest production according to ISO.