

High performance compressor oil

Description

DAYAN COMPRESSOR SP VDL oils are a range of compressor lubricants, based upon highly refined mineral oils, which are intended for the lubrication of both reciprocating and rotary air compressors.

Features and benefits

- Good water separation characteristics allows condensation to readily separate from the oil, minimising the risk of emulsions which could block the oil separator element
- Fully inhibited against corrosion which enables protection even when operating under humid conditions.
- Good thermal stability, low volatility and low carbon formation reduces the risk of fire and explosion and leads to a longer operating life (up to 4000 hours).
- Low deposit forming tendencies extends oil change intervals and provides longer air filter life which contributes to a reduction in maintenance costs
- Excellent coalescing properties mean little carry over of oil in the air stream.

Applications

DAYAN COMPRESSOR SP VDL grades are ashless oils recommended for the lubrication of rotors, bearings and gears in rotary compressors, especially the oil flooded screw type with lubricant drain cycles of up to 4000 hours under normal use. Normal use in screw type compressors is defined by a maximum air discharge temperature $\leq 100^{\circ}\text{C}$ as defined by ISO 6743-3:2003. DAYAN COMPRESSOR SP VDL 68 can be used for either normal or severe duty lubrication of reciprocating and rotary drip-feed air compressors, as defined by ISO 6743.

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	SP VDL SERIES	
ISO Viscosity Grade	-	-	68	150
Base Oil Type	-	-	Mineral	Mineral
Relative Density at 15°C	g/ml	ASTM D4052	0.87	0.87
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	68	150
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	8.7	15.8
Viscosity Index	-	ASTM D2270	99	109
Open Flash Point	°C	ASTM D92	250	240
Pour Point	°C	ASTM D5985	-30	-21
RPVOT	mins	ASTM D2272	700	-
Copper Corrosion	-	ASTM D130	-	1a
Foaming characteristics	ml / ml	ASTM D892	-	10/0 - 10/0 - 10/0
Water Separability	ml / min	ASTM D1401	-	40/40/0

Note:

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