PRISTA® MVK-2

COMPRESSOR OILS

DESCRIPTION

PRISTA® MVK-2 compressor oils are formulated from a special selection of high quality solvent refined and hydrotreated paraffinic-naphthenic base stocks blended with a highly efficient additive package.
PRISTA® MVK-2 oils are available in the following ISO 3448 viscosity grades: 32, 46, 68, 100, 150, 220, 320 & 460.

APPLICATION

The compressor oils P**RISTA MVK-2** are developed for lubrication of piston type compressors, equipped with circulating or mixed type lubricating systems demanding oils of high oxidation stability, enhanced lubricating properties, R&O protection and maximum output air temperatures of 220°C.
PRISTA MVK-2 oils can also be used in rotary compressors under the following conditions:
a/. output air pressures - up to 800 kP
output air or air/oil temperatures - up to 90°C
b/. output air pressures - from 800 kP to 1500 kP
output air or air/oil temperatures - from 100°C to 110°C

TECHNICAL DESIGNATION:

ISO-L-DAB-68* ACCORDING TO ISO 6743/3A
(*The figure stands for the corresponding viscosity grade)

PRISTA® MVK-2

SPECIFICATIONS

DIN 51506 - VDL
BDS 14471-82 & BDS 9901-82

TYPICAL CHARACTERISTICS

№	PARAMETER	TEST METHOD	TYPICAL VALUES							
			32	46	68	100	150	220	320	460
1.	Density at 20°C, g/ cm^3	EN ISO 3675	0.868	0.872	0.879	0.883	0.889	0.893	0.895	0.898
2.	Kinematic viscosity at 40°C, mm^2/s	EN ISO 3104	32	46	68	100	150	220	320	460
3.	Viscosity index	ISO 2909	97	95	95	93	92	90	87	85
4.	Flash point, COC, °C	EN ISO 2592	185	200	215	225	235	245	250	280
5.	Pour point,°C	ISO 3016	-17	-17	-17	-12	-12	-12	-12	-8
6.	Copper strip corrosion	ISO 2160	1b							
7.	Oxidation stability -Carbon residue increase after oxidation, %	ISO 6617 (DIN 51352	2.0	2.0	2.5	2.5	2.5	-		
8.	Properties of the residue remained from the low pressure distillation of 80% of the oil: - carbon residue, %, max	BDS 14900	0.25	0.25	0.25	0.25	0.5	-		
	- ratio of the kinematic viscosity at 40°C of the residue to the kinematic viscosity at 40°C of the oil	ISO 6615 EN ISO 3104	3.5	3.5	3.5	3.5	3.5	-		

Remark: The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.