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TECHNICAL INFORMATION

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KROIL BASELA CP

Oils for Air and Inert Gases Compressors

DESCRIPTION

The **KROIL BASELA CP** oils are a line of highly refined mineral oils, with high viscosity index, suitable for air and inert gases compressors.

They supersede the following standards:

- DIN 51506: VCL and VDL
- ISO 6743/3: DAB, DAG, DAH

APPLICATIONS

The **KROIL BASELA CP** oils are used for the lubrication of the pistons/cylinders and/or the sump for reciprocating and rotary compressors for air or inert gases, of one or multistage and included the ones working in very hard conditions.

CHARACTERISTICS

The **KROIL BASELA 60 CP** is recommended for rotary compressors where usually the viscosity grades are ISO VG 46 and 68.

The **KROIL BASELA 120 CP** is recommended for reciprocating compressors where usually the viscosity grades are ISO VG 100 and 150.

BENEFITS

- Low carbon residues formation, which increase the relubrication intervals and the compressor life
- High demulsifying characteristics
- Good antiwear properties
- Good resistance to high temperatures
- High anticorrosion characteristics

	BASELA 60 CP	BASELA 120 CP
ISO VG	46 - 68	100 - 150
Aspect	Transparent Amber Liquid	
Density at 15°C (ASTM-D-4052), g/cc	0.890	0.890
Viscosity at 40°C (ASTM-D-445), cSt	55 - 65	108 - 132
Viscosity at 100°C (ASTM-D-445), cSt	7.5 - 8.5	12 - 13.5
Viscosity Index (ASTM-D-2270)	>95	>95
Pour point (ASTM-D-97), °C	-20	-20
Flash point (ASTM-D-92), °C	220	240
Emulsion test (ASTM-D-1401), (ml-ml-ml) minute [(oil-water-emulsion)time]	(40-40-0) 30'max.	(40-40-0) 60'max.
Foam test (ASTM-D-892), (ml/ml)[(emuls./emuls.)]	30/0 max.	
Steel corrosion (ASTM-D-665, A and B)	Pass	
Copper corrosion (ASTM-D-130)	1a	
Oxidation (ASTM-D-943), hours	>2000	
TAN - Acidity (ASTM D-664), mg KOH/g	< 0.2	

Note: These data are average values after different tests. Due to the great variety of working conditions, these data do not constitute a base for specifications. KRAFFT reserves the right to change the specifications without previous notice.