COMPREO P

HIGH PERFORMANCE COMPRESSORS OIL

High Performance Reciprocating Air-Compressor oils

COMPREO P oils are produced from specially *selected and highly refined mineral oils.* The products in this range incorporate ashless anti-oxidant, anti-corrosion and anti-foam additives, and they satisfy all requirements for oils of outstandingly high oxidation stability, coupled with low carbon foaming tendencies.

- ☒ **Meet the requirements of DIN51506, category VD-L**
- ☒ **Meet the standards set by leading compressor manufacturers**
- ☒ **Low deposit forming tendency, therefore Longer intervals between overhauls**
- ☒ **The possibility of extended oil change intervals, therefore a marked reduction in maintenance costs.**
- ☒ **Can be used in compressors with air discharge temperatures up to 220°C.**

COMPREO P particularly suitable for compressors with high air delivery temperatures up to 220°C where oils of inferior quality would quickly deteriorate and leave carbonaceous deposits within the compressor and discharge system.

COMPREO P meet the requirements of the DIN 51 506 standard which covers the general performance of oils for reciprocating air compressors; Category VD-L is the most severe classification in this standard and relates to air discharge temperatures of up to 220°C.

These grades can also be used for drip-feed vane type compressors that require oils with good oxidation stability and incorporating rust inhibitors. In addition, they can be used in circulatory lubrication systems of plain and rolling bearings that operate at high temperatures - as in paper making machinery.

COMPREO P oils are recommended for the lubrication of reciprocating type air compressors.

GRADE	Unit	COMPREO P		
		68	100	150
Density @ 15°C	kG/l	0.88	0.88	0.9
Flash Point	°C	209	224	245
Kin Viscosity @ 40°C	cSt	70	102	155
Kin Viscosity @ 100°C	cSt	9	11.5	15
Viscosity Index	-	120	114	110
Pour Point	°C	-30	-30	-15
Conradson Carbon Residu	%WT	0.01	<0.10	0.03
Neutralization Value	mgKOH/g	<0.1	<0.1	0.1
Foam Tendency Seq: 24 °C after 93.5 °C	ml	<5/0	<5/0	15/0
Emulsification @ 54 °C	ml	40/38/2	40/38/2	40/40/0
Time	sec	20	30	10
Pneurop Oxidation Test		1	1.1	1

The above figures are typical of those obtained with normal production tolerances and do not constitute a specification.