

K1 Lube Compressor P

*High Performance Reciprocating
Compressor Oil*

DIN 51506 VDL



DESCRIPTION

K1 Lube Compressor P is a high quality reciprocating compressor oil with DIN 51506 class VDL specifications which is blended with high quality base oils and advanced additives. Advanced additives provide excellent oxidation resistance, corrosion resistance and excellent EP properties. It provides smooth and economical compressor operation and high load carrying capacity, especially in harsh conditions.

APPLICATIONS

K1 Lube Compressor P is recommended for stationary and portable compressors, operating at compression temperatures up to 220°C including compressors with oil lubricated pressure space, e.g. single and multistage reciprocating compressors or single or multistage centrifugal compressors.

The 46 grade is primarily recommended for use in oil-flooded screw compressors as well as centrifugal compressors. At high compression pressures, such as in multistage reciprocating compressors, the higher viscosity grade may be used.

K1 Lube Compressor P meets the spec of "Rheinische-Westfälischer Überwachungsverein e.V." in Germany and it meets DIN 51 506 VDL.

PERFORMANCE STANDARDS

- DIN 51506 VDL

CUSTOMER BENEFITS

Oxidation Stability

Oxidation resistance at high temperatures prevents carbon formation in air compressor chambers, discharge lines and air vessels. It provides longer oil life and reduction of maintenance cost.

Rust Protection

Excellent rust and copper corrosion control protect the parts of equipment and prevents oil deterioration with longer oil life.

Water Separation Properties

Excellent water separation performance helps maintain normal operation condition and reliable operation.

Wear Protection

Outstanding wear protection minimizes wear of metal surfaces such as valve, ring and cylinders.

KEY PROPERTIES

ISO Viscosity Grade	46	68	100
Density, kg/L @15°C	0.86	0.86	0.87
Viscosity Index	120	120	120
Pour Point °C	-20	-20	-20
Flash Point °C	240	240	250
Copper Corrosion	1a	1a	1a
Package (Liters)	20,200	20,200	20,200