

YOKOHAMA / COMPRESSOR OIL

INDUSTRIAL AIR COMPRESSOR OILS ISO VG 32 / 46 / 68

PRODUCT DESCRIPTION

YOKOHAMA COMPRESSOR OIL is a range of industrial compressor lubricants in ISO VG 32, 46 and 68, developed to support lubrication and heat transfer in compressed-air equipment. The lubricants are intended to help maintain a protective oil film on moving components while controlling wear, corrosion, oxidation and deposit formation. Air-release, water-separation and foam-control characteristics are relevant to the reliable operation of compressor lubrication circuits and oil-air separation equipment.

APPLICATIONS

For compatible oil-injected or oil-bath rotary screw and sliding-vane air compressors used in manufacturing plants, workshops and industrial compressed-air systems. ISO VG 68 may also be considered for selected reciprocating compressor duties where the equipment design permits. Grade selection takes account of operating temperature, compressor type, loading and lubrication arrangement. Suitability for refrigeration compressors or special-gas service requires separate assessment.

PERFORMANCE SPECIFICATIONS

DIN | 51506 (VDL)

ISO | 6743-3 (L-DAH)

TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	UNIT	TYPICAL VALUE		
		ISO VG 32	ISO VG 46	ISO VG 68
ISO Viscosity Grade	—	32	46	68
Kinematic Viscosity at 40°C	mm ² /s	32.00	46.00	68.00
Kinematic Viscosity at 100°C	mm ² /s	5.46	6.82	8.79
Viscosity Index	—	105.67	103.33	103.00
Density at 15°C	kg/m ³	868.00	872.33	877.00
Flash Point (COC)	°C	226.67	233.33	243.67
Pour Point	°C	-25.50	-25.50	-25.50

Note: The values shown in this table are typical values and do not constitute product specifications. Minor variations may occur between production batches due to normal manufacturing tolerances.