

AGIP DICREA SX



AGIP DICREA SX lubricants are synthetic oils with a polyalphaolefin base treated with antioxidant, antirust and antiwear additives. They are specifically designed for the lubrication of air compressors.

CHARACTERISTICS (TYPICAL FIGURES)

AGIP DICREA SX

Characteristics	ASTM	Unit	ISO VG GRADE	
			46	68
Density at 15°C	D 4052	kg/l	0.846	0.851
Viscosity at 100°C	D 445	mm ² /s	7.3	10.5
Viscosity at 40°C	D 445	mm ² /s	45.8	71.6
Viscosity Index	D 2270		136	134
Flash Point, COC	D 92	°C	240	250
Pour Point	D 97	°C	-30	-36

PROPERTIES AND PERFORMANCES

- Thanks to the special synthetic base and the carefully balanced additive package, the oil-change interval in rotary compressors with AGIP DICREA SX products is three to four times longer than that typical of mineral oils, so servicing requirements are greatly reduced.
- These lubricants are very stable at high temperatures, thus limiting the formation of damaging carbon deposits in the hot parts of reciprocating compressors.
- The anticorrosive properties of AGIP DICREA SX products ensure that lubricated components are well protected from rust, as demonstrated by the excellent results obtained with ASTM D 665 B.
- The oils are also endowed with antiwear properties, so as to limit wear on compressor parts subjected to sliding action; this characteristic is particularly effective in the oil pick-up units of screw compressors.
- The products are compatible with the types of rubber normally used in air compressors.

SPECIFICATIONS

AGIP DICREA SX meet the requirements of the following specifications or classifications:

- ISO-L-DAB
- ISO-L-DAH
- DIN 51506 VDL

APPLICATION

The fluid grades (ISO VG 46 and 68) have been specifically designed for screw compressors, but they can also be utilized in other types which require these viscosity grades. The oil-change interval with AGIP DICREA SX products can be extended to 6000/8000 hours, when operating in very good conditions. However, when service conditions are severe, the oils should be changed at least once a year.

The other grades have been tested with first-class results on reciprocating and vane compressors made by leading manufacturers.