PRODUCT DATA SHEET

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		32	46	68	100	220
Viscosity at 40°C	mm^2/s	30,4	45,8	71,6	102,2	218
Viscosity at 100°C	mm^2/s	5,8	7,3	10,5	13,4	23,6
Viscosity Index	-	136	136	134	136	136
Flash Point COC	°C	235	240	250	288	240
Pour Point	°C	-30	-30	-35	-35	-20
Oxdiation DIN 51532 t.2:						
- R.C.C. after oxid.	wt	0,22	-	0,65	0,86	-
Mass density at 15°C	kg/l	0,845	0,846	0,851	0,854	0,889

PROPERTIES AND PERFORMANCE

- 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, APPROVALS AND RECOMMENDATIONS

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

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

The fluid grades (ISO VG 32 and 46) 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.