

LUNARIA SK 55 - 100 - 150



Compressor

Alkylbenzene synthetic oils for refrigerating compressors.

APPLICATIONS

Refrigerating compressors using HCFC as refrigerant

- Refrigerating compressors using HCFC type refrigerants as: R22, R408A, R409A, R401A, ... especially in the case when these refrigerating fluids present miscibility problems with mineral oils.

Air compressors

- LUNARIA SK is also suitable for the cylinder lubrication of heavy duty reciprocating air compressors (discharge temperature > 200 °C).

SPECIFICATIONS

O.E.M.'s

- APV, BITZER, BOCK, SABROE, YORK, ...
- BAUER, CIRRUS, SAUER & SOHN, ...

ADVANTAGES

Compressor safety

- High chemical stability with refrigerants, low foaming tendency and excellent lubrication properties.

Wide operating conditions

- Very good miscibility behaviour with refrigerants allowing a good oil return to the compressor. (down to - 60 °C at the evaporator).

CAUTION : Deposits may clog filters when shifting from a mineral oil to a synthetic alkylbenzene oil during initial runs.

TYPICAL CHARACTERISTICS	METHODS	UNITS	LUNARIA SK		
			55	100	150
Density at 15°C	ISO 3675	kg/m ³	874	874	874
Viscosity at 40°C	ISO 3104	mm ² /s	50	94	140
Viscosity at 100°C	ISO 3104	mm ² /s	5.9	7.9	10.3
Pour point	ISO 3016	°C	- 33	- 33	- 30
Flash point (open cup)	ISO 2592	°C	200	200	210
Foaming sequence 1 at 24 °C	ISO 6247	ml/ml	0/0	0/0	0/0
Miscibility 10 % oil in R22 (UCST)	Sealed tube	°C	- 60	- 58	- 28

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités

9 october 2001 (supersedes 25 june 2001)

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from

www.quick-fds.com.

