

LUNARIA SK 55 - 100



Compressor



Synthetic alkylbenzene oils for refrigerating compressors.

APPLICATIONS

Refrigerating compressors
using HCFC as refrigerant

- **LUNARIA SK** is a quality refrigeration compressors lubricant using CFC or HCFC refrigerants. Due to their chemical nature, these oils have superior miscibility with fluorocarbon refrigerant such as R12, R502 and R22 and are thus perfectly adapted to the low temperatures.

Air compressors

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

SPECIFICATIONS

International Specification
OEM

- Conform with the following specifications : ISO 6743-3 DRE et DIN 51503 KC
- Suitable for the refrigerating compressors of the constructors below :
APV, BITZER, BOCK, SABROE, YORK, REFCOMP, ...

ADVANTAGES

Compressor safety

- **LUNARIA SK** provides high chemical stability with refrigerants, low foaming tendency and excellent lubrication properties.

Wide operating conditions

- **LUNARIA SK** has 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
Density at 15°C	ISO 3675	kg/m ³	872	876
Viscosity at 40°C	ISO 3104	mm ² /s	50	102
Viscosity at 100°C	ISO 3104	mm ² /s	5.9	8.4
Pour point	ISO 3016	°C	- 33	- 33
Flash point (open cup)	ISO 2592	°C	200	210
Foaming sequence 1 at 24 °C	ISO 6247	ml/ml	0/0	0/0
Miscibility 15 % oil in R22 (UCST)	DIN 51514	°C	- 60	- 40

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
INDUSTRIE

21-08-2020 (supersedes 18-06-2018)

LUNARIA SK 55-100

1/1



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.