

# Lunaria K 32 - 46 - 68

Refrigerating Compressor oil for Ammonia (R 717) and R12, R22, R123, R502 refrigerant

## APPLICATIONS

- Lunaria K can be used for NH<sub>3</sub>, R-12, R-22, R123 and R 502 refrigerant
- Reciprocating, screw, or turbo-centrifugal type of compressor
- Field of application: Evaporator Temperature down to:
  - For NH<sub>3</sub>, K32(-40°C), K46(-32°C), K68 (-28°C)
  - For Freon, K32-46-68 (-50°C)

## ADVANTAGES

- High chemical stability with refrigerants.
- Absence of copper plating.
- Very good miscibility behaviour with refrigerants allowing a good oil return to the compressor (evaporator temperature higher than - 15 °C).

## SPECIFICATIONS

- KS M 2128-1987
- JIS K 2211-1987
- BS 2626-1992

## APPROVALS

## TYPICAL CHARACTERISTICS

Properties	Units	Standards	Lunaria K		
			32	46	68
Color	-	ASTM D 1500	L2.0	0.5	L1.0
Density at 15°C	kg/m <sup>3</sup>	ASTM D 1298	877	873	894
Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D 445	32	46	68
Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D 445	4.9	5.3	6.9
Pour point	°C	ASTM D 97	45	-37	-33
Flash point	°C	ASTM D 92	204	182	190
Total Acid Number	mgKOH/g	ASTM D 947	0.01	0.01	0.01
Copper Corrosion at 100°C	-	ASTM D 130	1a	1a	1a

For additional information, contact your local Totalenergies Lubricants representative or visit our web site: <https://lubricants.totalenergies.com>

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 downloaded from <https://sds.totalms.total.com>