

LUNARIA K 32 - 46 - 68



Compressor



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

APPLICATIONS

Refrigerating compressors using ammonia (R 717) and R12, R22, R123 or R502 as a refrigerant

- TOTAL LUNARIA K can be used for NH₃, 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 NH₃, K32(-40 °C), K46(-32 °C), K68 (-28 °C)
For Freon, K32-46-68 (-50 °C)

SPECIFICATIONS

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

ADVANTAGES

- AlkylBenzene Technology, fully compatible with mineral oil.
- Better protection and reduced wear of the compressor thanks to its good lubricity.
- Does not cause clogging problems in the refrigerating system even at low temperature because it is full synthetic oil with no wax.
- Better miscibility with R-12 or R-22 than mineral oil allows use at lower temperature.
- Excellent chemical-thermal stability allows longer drain interval than mineral oil.

TYPICAL CHARACTERISTICS	METHODS	UNITS	LUNARIA K			
			32	46	68	
Color	ASTM D-1500	-	L2.0	0.5	L1.0	
Density at 15°C	ASTM D-1298	kg/m ³	877	873	894	
Kinematic Viscosity	ASTM D-445	at 40°C	mm ² /s (cSt)	32	46	68
		at 100°C	mm ² /s (cSt)	4.9	5.3	6.9
Pour Point	ASTM D-97	°C	-45	- 37	- 33	
Flash point	ASTM D-92	°C	204	182	190	
Total Acid Number	ASTM D-947	mgKOH/g	0.01	0.01	0.01	
Copper Corrosion at 100 °C	ASTM D-130	-	1a	1a	1a	

Above characteristics are mean values given as an information.

TOTAL OIL ASIA PACIFIC PTE LTD
Lubricants for Industry
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LUNARIA K 32-46-68
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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.