

TOTAL LUNARIA KA


TOTAL

Synthetic Refrigerating Oil based on Alkylbenzene

Wear Protective

USES

- TOTAL LUNARIA KA can be used for R-12, R-22, R123 and R 502 for refrigerating and air-conditioning system with reciprocating, screw or turbo-centrifugal type of compressor.
- Do not use for NH3 refrigerant.

PROPERTIES

- It has good lubricity and provides better protection of the compressor reducing wear.
- Because it is full synthetic oil with no wax, it does not cause clogging problems in the refrigerating system even at low temperature.
- Its excellent chemical-thermal stability allows longer drain interval than mineral oil.
- It has better miscibility with R-12 or R-22 than mineral oil, and it can be used at low temperature.
- Its excellent electrical properties reduce the consumption of electric power
- It is completely compatible with mineral oil.

SPECIFICATION

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

CHARACTERISTICS

Test items	Method	Unit	46	56
Color	ASTM D-1500	-	L3.0	L2.5
Specific Gravity, at 15°C	ASTM D-1298	g/cm ³	0.8850	0.8953
Kinematic Viscosity at 40°C at 100°C	ASTM D-445	mm ² /s	46	57.5
		(cSt)	6.2	7.0
Pour Point	ASTM D-97	°C	-44	-42
Floc Point	DIN 51351	°C	-50	-45
Flash Point	ASTM D-92	°C	218	222
Total Acid Number	ASTM D-974	mgKOH/g	0.01	0.01
Copper Corrosion at 100°C, for 3hrs	ASTM D-130	-	1a	1a
Falex EP, 290rpm, 60°C	ASTM D-3233	kgf	320	320

Above characteristics are mean values given as an information.