



### Description

Highly refined 'wax-free' naphthenic oil.

### Applications

Refrigerating compressors operating on:  
 FREON - R12 - R22 - R11 - R113 - R13B1 - R502  
 + Refrigerating compressors using NH<sub>3</sub> and CO<sub>2</sub>

## Auxiliary Mineral Lubricants

### Approvals

Meet OEM's requirement:  
 BITZER, BOCK, GRASSO

### Features and Benefits

- + Very good thermal and chemical stability.
- + Exceptional performances at low temperature.
- + Very low pour point.
- + Good floc point.
- + High lubricating capacity.
- + High dielectric strength.
- + Further to ISO L-DRA and ISO L-DRB categories, LUNARIA FR meets NF ISO 6743-L specifications.

## Typical Characteristics

	Methods	Units	32	46	68
ISO Grade			32	46	68
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	906	910	890
Kinematic viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	30	46	68
Kinematic viscosity at 100°C	ISO 3104	mm <sup>2</sup> /s	4.7	5.3	7
Flash Point (COC)	ASTM D 92	°C	> 165	171	> 175
Pour Point	ISO 3016	°C	- 40	- 35	- 34
Floc Point R 12		°C	- 56	- 53	- 50

Characteristics of this chart are indicative typical values.

### Handling, Health & Safety

Lubricants consisting of highly refined mineral oils with specific additives. In normal conditions of use, these lubricants present no particular toxic hazard. All lubricants, of any kind, should always be handled with great care, particularly avoiding any contact with the skin. Prevent any risk of splashing, and keep away from combustible materials. Store under cover and away from any risk of contamination.

A safety data sheet complying with current legislation is available at: [www.quickfds.com](http://www.quickfds.com) and [www.totallubmarine.com](http://www.totallubmarine.com)