



# Mineral Oil 32/3

## Mineral Oil for Air Conditioning and Refrigeration Systems

**MINERAL OIL 32/3** Lubricant by Errecom is composed by a Naphtenic base and Additives specially formulated to obtain better lubricity, chemical and thermal stability and an excellent protection against wear of the components of the Air Conditioning and Refrigeration Systems.

The pursued aims in the development of new ERRECOM Lubricants are:

- Excellent Lubricant Ability;
- Hydrolytic Stability;
- High compatibility with the materials of all kind of Systems, both new and old ones (with a constant attention to their evolution over the time);
- Low Toxicity;
- Reduced Hygroscopicity and Anti-Humidity Additive;
- High Thermal Stability to Oxidation;
- High Solubility performances with Refrigerants;
- Optimal Miscibility with Refrigerants.

Method and Reference Unit	Value	Reference Method
<b>ISO VG</b>	32	-
<b>Kinematic Viscosity @ 40°C (cSt)</b>	32	ASTM-D445
<b>Kinematic Viscosity @ 100°C (cSt)</b>	4,6	ASTM-D445
<b>Kinematic Index</b>	95	ASTM-D2270
<b>Freezing Point (°C)</b>	-45	ASTM-D 97
<b>Flash Point (°C)</b>	190	ASTM-D 92
<b>Density @ 15°C (g/cm³)</b>	0,904	ASTM-D4052
<b>Humidity Content (ppm)</b>	16	ASTM-E1064
<b>Total Acidity (mg KOH/g)</b>	0,02	ASTM-D 974
<b>Color (APHA)</b>	10	ASTM-D1209
<b>Sulphides</b>	0,06	ASTM D2622

Errecom Mineral Lubricants are produced with the most refined naphthenic bases and new generation Additives, born from years of applications in Refrigeration.

