



Mineral Oil 46

Mineral Oil for Air Conditioning and Refrigeration Systems

MINERAL OIL 46 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
ISO VG	46	-
Kinematic Viscosity @ 40°C (cSt)	46	ASTM-D445
Kinematic Viscosity @ 100°C (cSt)	5,4	ASTM-D445
Kinematic Index	94	ASTM-D2270
Freezing Point (°C)	-36	ASTM-D 97
Flash Point (°C)	194	ASTM-D 92
Density @ 15°C (g/cm³)	0,910	ASTM-D4052
Humidity Content (ppm)	16	ASTM-E1064
Total Acidity (mg KOH/g)	0,02	ASTM-D 974
Color (APHA)	15	ASTM-D1209
Sulphides	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.

