



PAO Lubricant

Lubricants for Vehicles A/C Systems

PAO synthetic lubricant by Errecom is composed of a mixture of Polyalphaolefins hydrogenated and additives specifically formulated to perform a better lubricity, chemical and thermal stability as well as an excellent anti-wear protection of the AC/R system components.

PAO based lubricants have better resistance to mechanical stress and excellent performances with refrigerants working at very low evaporation temperatures. They can be used with R723, Ammonia, CO2, propane, and propylene.

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)
- Excellent properties at low temperature
- Low toxicity and high biodegradability level, always following our green philosophy precepts
- Reduced hygroscopicity and additive anti humidity
- High thermal stability to oxidation
- Decent solubility performances with refrigerants
- Optimal miscibility with refrigerants

Method and reference unit	PAO 68	Reference Method
ISO VG	68	
Kinematic viscosity @ 40°C (cSt)	68	ASTM-D445
Kinematic viscosity @ 100°C (cSt)	10	ASTM-D445
Kinematic index	150	ASTM-D2270
Pour point (°C)	-50	ASTM-D 97
Flash point (°C)	>250	ASTM-D 92
Density @ 15°C (g/cm³)	0,835	ASTM-D4052
Humidity content (ppm)	30	ASTM-E1064
Total acidity (mg KOH/g)	0,03	ASTM-D 974

It is suggested a dosage as close as possible to the quantity needed. For the biggest formats, it is recommended to quickly close the container and keep it in a cool and dry place in order to avoid the formation of moisture.

Keep the product between -40 ° C and + 60 ° C.

Do not expose to sunlight.

