

# PETRONAS PRESSOL LTM

## Premium Grade Refrigeration Compressor Oils

Petronas Pressol LTM series are high performance lubricants intended for the lubrication of refrigeration compressors using CFC and Ammonia refrigerant gases.

They are formulated from special naphthenic base oils for its very low pour point, very low floc point and high resistance to oxidation and carbon deposit formation as well as chemically and thermally stable to provide excellent performance over long service period and a trouble-free operation. Petronas Pressol LTM series are available in ISO 22 through ISO 68 viscosity grades.

### Applications

- Recommended for the lubrication of both cylinders and bearings of refrigeration compressors (reciprocating and vane) of the hermetic domestic type, of industrial unit or of heat pump systems using all type of refrigerants, e.g., Ammonia, Freon 12, Freon 22, etc except those using SO<sub>2</sub>.
- Not intended for used in refrigeration compressors using the new HFC refrigerant gases such as R-134a and R-23.

### Customer Benefits

- Excellent chemical stability and compatibility – inert with refrigerants and does not attack metals or sealing material when it does mix the refrigerants.
- High thermal stability – minimize the formation of gum, varnish and sludge deposits to prolong compressor and seal life.
- Outstanding low temperature performance – very low pour point and floc point prevent formation of wax deposit which would plug the refrigeration system and impair its efficiency.
- High dielectric strength to avoid difficulties in those compressors where the lubricant comes in to contact with the windings of electric motors.

### Product Typicals

Characteristics	ISO Viscosity Grade			
	22	32	46	68
Density @ 15 °C, kg/l	0.880	0.880	0.880	0.881
Pour Point, °C	-39	-36	-35	-35
Flash Point, °C	174	180	190	202
Floc Point, °C	-60	-60	-55	-55
Kinematic V iscosity, cSt @ 40 °C	21.6	30	46	68
Total Acid Number, mgKOH/g	0.03	0.03	0.03	0.03

### Customer Advice

For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.