



## Technical Data Sheet

- Reliable Protection
- Industrial Applications

# UPSOL REFRIGERANT C 15, 32, 46, 68, 100

Refrigeration Oil

ISO VG 15, 32, 46, 68, 100

UPSOL REFRIGERANT C Series is refrigerant compressor oil formulated from high quality Medium Viscosity Index mineral base oil which has low temperature characteristics.

TYPICAL CHARACTERISTICS						
PROPERTIES	METHOD	C 15	C 32	C 46	C 68	C 100
ISO Viscosity Grade		22	32	46	68	100
Density at 15°C, kg/l	ASTM D - 4052	0.868	0.873	0.876	0.885	0.890
Kinematic Viscosity at 40°C, cSt	ASTM D - 445	21.82	30.40	46.29	65.54	95.61
		4.33	5.17	7.02	8.47	11.14
100°C, cSt						
Viscosity Index	ASTM D - 2270	108	98	109	101	103
Flash Point, °C	ASTM D - 92	180	219	220	236	240
Pour Point, °C	ASTM D - 5950	-30	-30	-30	-30	-24

## APPLICATIONS

UPSOL REFRIGERANT C Series are designed primarily for the lubrication of refrigerator compressors, mainly the open and semi sealed type operating at moderate evaporator temperatures and thermal loads. Also suitable for other low temperature applications where mineral oil is recommended.

## PERFORMANCE LEVELS

UPSOL REFRIGERANT C Series are recommended to be used in compressor with ammonia, CO<sub>2</sub>, methylene chloride or CFC as the refrigerant, but these oils are not suitable to be used in a system with Hydro Fluoro Carbon (HFC) refrigerant, such as R134a.

