

FLOW FR-N Series

DESCRIPTION:

Hydrotreated naphthenic-based product range particularly designed for meeting lubrication needs in refrigeration compressors.

PROPERTIES:

- ✓ Low tendency to the formation of sludge, lacquer, deposits and residue.
- ✓ High resistance to oxidation.
- ✓ Efficient heat transfer and good thermal stability.
- ✓ Excellent chemical stability.
- ✓ Totally compatible with the joints and seals usually deployed.
- ✓ Low pour point and good cold flow properties.

APPLICATIONS:

Industrial refrigeration compressors which require oil with a low pour point.

Especially recommended when Ammonia (R17), CFC (R11, 12, 13, 131...), HCFC (R22, 123, 124, 401...), Isobutane (R600a), Propane (R290), etc., are used as a coolant gas.

SPECIFICATIONS:

DIN 51503 KAA, KC
ISO 6743-3B-DRA
BS 2626:1992

TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE		
		32	46	68
ISO grade	ISO 3448	32	46	68
Density at 15 °C,	ASTM D-1298	0.896-0.916	0.900-0.920	0.904-0.924
Viscosity at 0 °C, cSt	ASTM D-445	525	1100	2000
Pour point (°C), max	ASTM D-97	-40	-35	-30
Flash point, min (°C)	ASTM D-92	180	190	195
Flocculation Point, R12, °C	DIN 51351	-39	-32	-28
Copper corrosion, 3h, 100°C, max	ASTM D-130	1a	1a	1a

PACKAGING:

200L drum.