

## FLOW FR SE Series

### DESCRIPTION:

A range of products based on a synthetic ester, specially formulated to satisfy the lubrication needs in compressors where a long lasting oil is required.

### PROPERTIES & ADVANTAGES:

- ✓ Low tendency to form sludges, lacquers, deposits and residues.
- ✓ High resistance to oxidation and excellent chemical stability.
- ✓ Thanks to its synthetic technology, it offers a long service life and periods between drainages can be extended up to 8,000 - 10,000 hours, a much higher performance compared to the 2,000 drainage hours offered by mineral-based compressor oils.
- ✓ Low pour point.
- ✓ Excellent lubricity, minimal wear of lubricated elements.
- ✓ Miscible with PAO-type mineral and synthetic oils or alkylbenzene.
- ✓ Compatible with NBR and EPDM seals.

### APPLICATIONS:

- ✓ Industrial refrigerating compressors that demand an oil with low freezing point and high chemical resistance, using gases of types R-134a, R-404a, R-407c, R-410a, R-507, R-509 a/b, R-422d.
- ✓ Recommended for refrigerated compressors using inert gases of type HFC, CFC and/or HCFC.
- ✓ Reciprocating screw compressors with discharge temperatures up to 220 °C
- ✓ High vacuum pumps.
- ✓ Rotary vane compressors.

### SPECIFICATIONS:

DIN 51506 VCL / VDL	Recommended for compressors from CARRIER, SABROE, BLISSFIELD, <b><u>DUNHAM-BUSH, TRANE, etc.</u></b>
ISO 6743/3 DAB, DAJ, DGR Y DVE	

### TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE				
		32	46	68	100	170
ISO grade	ISO 3448	32	46	68	100	170
DENSITY at 15 °C, typical (kg/l)	ASTM D-1298	0.980	0.970	0.960	0.960	0.970
Pour point (°C), max.	ASTM D-97	-48	-46	-40	-35	-25
Flash point , Min. (°C)	ASTM D-92	235	235	250	250	260
4-Ball Wear Test, Scar Diameter (mm)	ASTM D-4172	<0.5	<0.5	<0.5	<0.5	<0.5
Temperature	CST	-62	-62	-62	-62	-62

### PACKAGING:

20L jerrycan.