

## ENMAR MARINE REFRIGERATION N

### PRODUCT DESCRIPTION

ENMAR MARINE REFRIGERATION N refrigeration oils are manufactured from premium quality hydrotreated naphthenic base stocks, dewaxed to very low wax content. Consequently, they have very low pour points and good miscibility with Freon to provide low Freon floc points with CFC refrigerants such as R-12. ENMAR MARINE REFREGIRATION N oils can contribute towards prolonged compressor and seal life through the high thermal stability which controls the formation of carbon and gummy deposits at elevated temperatures that are encountered in the high-pressure side of the refrigeration cycle.

### APPLICATIONS

- ◆ Industrial refrigeration equipment.
- ◆ Business/domestic and office air conditioning systems.
- ◆ Reciprocating and rotary refrigeration compressors.
- ◆ Refrigeration systems using freon (CFCs), ammonia, carbon dioxide.

**Not suitable for systems containing HFC refrigerants i.e. HFC 134a**  
**Not recommended for use in compressors for air breathing equipment.**

### BENEFITS

ENMAR MARINE REFRIGERATION N provides:

- ◆ Reduced downtime by maintaining clean working surfaces.
- ◆ Prevention of waxy and gummy deposits through high oil thermal stability.
- ◆ Very good miscibility with refrigerants for good lubrication.
- ◆ Extended oil service life, excellent resistance to oxidation.
- ◆ Low pour and floc points and miscibility with refrigerants.

#### Technical Data \*

ENMAR MARINE REFRIGERATION N			
ISO GRADE	32	46	68
Kinematic Viscosity    ASTM D445			
mm <sup>2</sup> /s @ 100°C	5.8	8.7	6.7
mm <sup>2</sup> /s @ 40°C	32	46	68
Density at 15°C, g/cm <sup>3</sup> ASTM D1298	0.910	0.911	0.913
Flash Point, °C            ASTM D92	Min. 190	Min. 195	Min. 200
Pour Point, °C             ASTM D97	Max. -42	Max. -36	Max. -30
Neutralization Number, mg KOH/g	0.01	0.01	0.01

\*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible.

#### HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the ENMAR Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.