

## ENMAR MARINE GEAR SH

### PRODUCT DESCRIPTION

**ENMAR MARINE GEAR SH** lubricants are exceptional performance gear and bearing oils designed to provide outstanding service in terms of equipment protection, oil life and problem-free operation helping to enable increased customer productivity. These products feature excellent low temperature properties, as well as improved air release performance in the lower viscosity grades. They are resistant to mechanical shear, even in heavily loaded gear and high shear bearing applications, so that there is virtually no loss of viscosity.

### APPLICATIONS

**ENMAR MARINE GEAR SH** lubricants are recommended for use in a wide variety of gear and bearing applications where high or low temperatures are encountered or where operating temperatures or bulk oil temperatures are such that conventional lubricants give unsatisfactory life, or where improved efficiency is desired. They are particularly effective in applications where the maintenance costs of component replacement, system cleaning and lubricant changes are high.

**Always follow equipment manufacturer's recommendation for required lubricant performance levels and oil change intervals. The oil viscosity selected should be based on operating conditions and Gear Manufacturers recommendations.**

### BENEFITS

**ENMAR MARINE GEAR SH provides:**

- ◆ Superb high temperature thermal / oxidation resistance.
- ◆ High Viscosity Index and absence of wax.
- ◆ Low traction coefficient.
- ◆ Excellent wear protection.
- ◆ High load carrying capability.
- ◆ Balanced additive combination.

#### Technical Data \*

ENMAR MARINE GEAR SH					
ISO GRADE	150	220	320	460	680
Appearance, AMS 1738	Orange	Orange	Orange	Orange	Orange
Copper Strip Corrosion, 24 h, 121 °C, Rating, ASTM D130	1B	1B	1B	1B	1B
Density @ 15.6 °C, kg/l, ASTM D4052	0.86	0.87	0.87	0.87	0.87
Emulsion, Time to 37 mL Water, 82°C, min, ASTM D1401	20	20	20	20	20
FE8 wear test, V50 roller wear, mg, DIN 51819-3	2	2	2	2	2
FZG Scuffing, Fail Load Stage, A/8.3/90, ISO 14635-1(mod)	13	>13	>13	>13	>13
Flash Point, Cleveland Open Cup, °C, ASTM D92	220	220	225	228	225
Kinematic Viscosity @ 100°C, mm <sup>2</sup> /s, ASTM D445	21.1	28.5	38.5	50.7	69
Kinematic Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445	150	220	320	460	680
Pour Point, °C, ASTM D5950	-48	-48	-48	-45	-45
Rotating Pressure Vessel Oxidation Test, min, ASTM D2272	2500	2500	2500	2500	2500
Viscosity Index, ASTM D2270	166	169	172	174	181

\* 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.

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