



ENMAR MARINE GEAR SH 220

PRODUCT DESCRIPTION

ENMAR MARINE GEAR SH 220 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 220 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.

BENEFITS

ENMAR MARINE GEAR SH 220 provides:

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

Technical Data*	
Grade	ISO 220
Appearance, AMS 1738	Orange
Copper Strip Corrosion, 24 h, 121 C, Rating, ASTM D130	1B
Density @ 60 F, g/cm ³ , ASTM D4052	0.87
Emulsion, Time to 37 mL Water, 54 C, min, ASTM D1401	
Emulsion, Time to 37 mL Water, 82 C, min, ASTM D1401	20
FE8 wear test, V50 roller wear, mg, DIN51819-3	2
FZG Scuffing, Fail Load Stage, A/8.3/90, ISO 14635-1(mod)	13+
Flash Point, Cleveland Open Cup, °C, ASTM D92	220
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	28.5
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	220
Pour Point, °C, ASTM D5950	-48
Rotating Pressure Vessel Oxidation Test, min, ASTM D2272	2500
Rust Characteristics, Procedure B, ASTM D665	PASS
Turbine Oil Stability Test, Life to 2.0 mgKOH/g, h, ASTM D943	10,000+
Viscosity Index, ASTM D2270	169

*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.

Issued by ENMAR

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