

## ENMAR MARINE GEAR

### PRODUCT DESCRIPTION

**ENMAR MARINE GEAR** oils are a range of premium quality, heavy duty industrial gear oils which have been developed for the lubrication of enclosed gears, working under both normal and severe operating conditions. They are formulated from high quality paraffinic base oils and incorporate mild extreme pressure Sulphur-phosphorus chemical technology. ENMAR MARINE GEAR oils show excellent results in the FZG Gear Load Test which is a benchmark for gear wear protection and confirms its excellent load carrying capacity. In addition, special inhibitors provide excellent protection against rust, corrosion and foaming.

### APPLICATIONS

- ◆ Enclosed industrial gear units operating under high loads and or severe shock loading conditions.
- ◆ Enclosed spur, helical, bevel and worm gears.
- ◆ Heavily loaded plain or anti-friction bearings operating under shock loading conditions.
- ◆ Oil bath with splash, circulation or spray lubrication.
- ◆ Chain drives, slide guides and flexible couplings.
- ◆ Many manufacturing industries such as mining, cement, steel and general engineering.

**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** provides:

- ◆ Superior load carrying ability.
- ◆ Reduced gear wear.
- ◆ Minimal spalling or welding.
- ◆ Excellent oxidation stability.
- ◆ Protection against rust and corrosion.

#### Technical Data \*

ENMAR MARINE GEAR			
ISO GRADE	68	100	150
AGMA 9005-D94 Grade	2EP	3EP	4EP
Viscosity			
mm <sup>2</sup> /s @ 40°C	68	100	150
mm <sup>2</sup> /s @100 °C	8.5	11	14.7
Viscosity Index	95	95	95
Flash Point, °C	228	236	236
Pour Point, °C	-24	-24	-18
FZG load stage	12	12	12

Technical Data \*

ENMAR MARINE GEAR				
ISO GRADE	220	320	460	680
AGMA 9005-D94 Grade	5EP	6EP	7EP	-
Viscosity				
mm <sup>2</sup> /s @ 40°C	220	320	460	680
mm <sup>2</sup> /s @100 °C	18.6	24	30	39
Viscosity Index	95	98	96	90
Flash Point, °C	240	248	252	285
Pour Point, °C	-18	-15	-15	-9
FZG load stage	12	12	12	12

\* 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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