

ENMAR MARINE HYDRAULIC HVI

PRODUCT DESCRIPTION

ENMAR MARINE HYDRAULIC HVI is a range of high performance, high viscosity index hydraulic oils with very low pour points, compliant with DIN 51524 classification – HVLP. The key benefit is that they will lubricate in arduous working conditions and in extremes of temperature where shear stable high viscosity index anti wear type hydraulic oils are essential for high pressure systems. ENMAR MARINE HYDRAULIC HVI oils have been developed to meet the performance requirements of major hydraulic equipment manufacturers.

APPLICATIONS

- ◆ Industrial hydraulic equipment operating under wide temperature conditions, especially low ambient.
- ◆ Marine deck equipment, automatic hydraulic controls.
- ◆ Mobile equipment especially working in refrigerated areas.
- ◆ Machine tools operating with numerically controlled equipment.
- ◆ Some makes of enclosed gear systems.

The ENMAR MARINE HYDRAULIC HVI oil viscosity grade should be used according to the equipment manufacturer's recommendations.

BENEFITS

ENMAR MARINE HYDRAULIC HVI provides:

- ◆ Multigrade viscosity characteristics.
- ◆ Excellent oxidation and thermal stability.
- ◆ Improved low temperature pumpability.
- ◆ Long pump and component life.
- ◆ Suitability for vane, axial piston and gear pumps using all metal types.
- ◆ High shear stability to provide extended pump performance.
- ◆ Excellent water and air release properties.
- ◆ Excellent anti-corrosion and Anti-rust properties.

Technical Data *						
ENMAR MARINE HYDRAULIC HVI						
ISO GRADE	15	22	32	46	68	100
Kinematic Viscosity						
mm ² /s @ 40°C	15	22	32	46	68	100
mm ² /s @ 100°C	3.9	4.8	6.2	8.1	10.8	14.1
Viscosity Index, min	>150	>150	>150	>150	>150	>150
Flash Point, °C	160	180	206	210	216	224
Pour Point, °C	-42	-42	-36	-36	-33	-27
FZG Damage Load Stage	11	11	11	11	11	11

* 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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