



MARINE HYDRAULIC OIL

APPLICATIONS

Marine Hydraulic oil grades are a range of specialist premium quality, very high viscosity index multigrade hydraulic fluids. The economical operation of a hydraulic system is dependent on the correct hydraulic oil being used. The Finol marine range of hydraulic fluids is manufactured from highly refined base oils which have good oxidation resistance, lowering the possibility of gums and lacquers. They are blended using carefully selected additives and special viscosity index improvers which offer superior viscosity/temperature characteristics. They can be used where extremes of ambient temperatures are encountered.

The Marine range of hydraulic oils is suitable for a wide range of industrial applications including those where low temperatures are encountered (frozen fish stores etc).

SPECIFICATIONS

- DIN: 51517 PART 2 51524 PART 3, CATEGORY HVLP
- ISO: 6743/4, CATEGORY HV
- SPERRY VICKERS: M-2950-S 1-286-S

ADVANTAGES

- High viscosity index
- Excellent low temperature performance
- Incorporates the latest corrosion inhibitors for protection against all forms of corrosion
- Highly shear stable providing stay-in-grade performance
- Good anti-foaming and air release properties
- Rapid water separation
- Exceptional anti-wear performance
- High oxidation resistance and thermal stability

TYPICAL CHARACTERISTICS

MARINE HYDRAULIC OIL	15	22	32	46	68	100
SPECIFIC GRAVITY@15.6°C	0.848	0.850	0.870	0.882	0.884	0.888
KINEMATIC VISCOSITY@40°C	15.0	22.0	32.0	46.0	68.0	100.0
KINEMATIC VISCOSITY@100°C	3.90	5.0	6.50	8.40	10.90	15.10
VISCOSITY INDEX	154	155	155	156	157	158
FLASH POINT°C	150	185	205	212	218	225
POUR POINT° C	-38	-36	-34	-33	-33	-32

The features mentioned above are obtained with the usual tolerance in production and do not constitute a specification.

The product should not be stored at a temperature above 60 °C. Exposure to strong sunlight, extreme cold or high temperature variations must be avoided.

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or downloaded from www.finol.ie