

## HMS

### HM HYDRAULIC FLUID



**HM HYDRAULIC RANGE**  
ISO CATEGORY -L-HM  
ISO GRADE 22 TO 68



## APPLICATIONS

**HMS** is a hydraulic fluid intended for all hydraulic systems including vane, screw or gear pumps, operating with high pressures (350 bars and more); and requested a medium filtrability ability.

## BENEFITS

- **HMS** has **excellent anti-wear properties**.
- **HMS** is **thermically stable** product.
- **Its low pour point** allows decreasing minimum operating temperature.

## PERFORMANCES

### PERFORMANCE LEVELS

ISO 11158 Category HM  
ISO 6743-4 Category HM  
NFE 48603 Category HM  
DIN 51524 Part 2 Category HLP

## CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA			
ISO grade	-	-	<b>22</b>	<b>32</b>	<b>46</b>	<b>68</b>
Specific gravity at 15°C	kg/m <sup>3</sup>	NF T 60-101	862	869	870	880
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	23	32	45	67,1
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	NF T 60-100	4,38	5,4	6,7	8,5
Viscosity index	-	NF T 60-136	97	102	100	98
Pour point	°C	NF T 60-105	-33	-30	-30	-24
Flash point	°C	NF T 60-118	190	222	230	240
Aniline point	°C	NF M 07-021	90	98	101	102

*This typical data is given for information only*



## HEALTH, SAFETY AND ENVIRONMENT

Elimination must be carried out to conform to the rules set for the disposal of used oils.

**Must be stored away from bad weather.**

Should you need further details, our Technical Department remains at your disposal.