

# HVS

HIGH VISCOSITY INDEX HV HYDRAULIC FLUID



**HV HYDRAULIC RANGE**  
ISO CATEGORY-L-HV  
ISO GRADE 32 TO 68



## APPLICATIONS

**HVS** is intended for hydraulic systems operation at high pressures and installations in which there are wide temperature variations ; hydraulic systems of agricultural, industrial or civil engineering equipments ; and requested a medium filtrability ability.

## BENEFITS

- **HVS** has excellent anti-wear properties.
- The viscosity index 150 of **HVS** enables use on installations in which there are wide temperature variations: easy cold starts, perfect hot lubrication.
- **HVS** has an increased life, consequence of its very high shear strength.
- **Its low pour point** allows decreasing minimum operating temperature.

## PERFORMANCES

**PERFORMANCE LEVELS**

ISO 11158 Category HV  
ISO 6743-4 Category HV  
NFE 48603 Category HV  
DIN 51524 Part 3 Category HVLP

## CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA		
ISO grade	-	-	<b>32</b>	<b>46</b>	<b>68</b>
Specific gravity at 20°C	kg/m <sup>3</sup>	NF T 60-101	874	871	857
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	32,2	48,4	69,3
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	NF T 60-100	6,4	8,4	11
Viscosity index	-	NF T 60-136	155	150	151
Pour point	°C	NF T 60-105	-36	-36	-33
Flash point	°C	NF T 60-118	166	192	224
Aniline point	°C	NF M 07-021	103	103	103
FZG damage load stage	-	DIN ISO 14635-1	8	9	10

*This typical data is given for information only*

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## 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.