

ISO-L-HV hydraulic oils for hydraulic transmission and control circuits with a high viscosity index .

This anti-wear hydraulic oil has excellent resistance to hydrolysis and thermal alteration.

PERFORMANCES

Specifications :

NF E 48.603 : ISO-L-HV-15-22-32-46-68-100-150

DIN 51524 Partie 3 : HVLP-15-22-32-46-68-100-150

ADVANTAGES

MATIC ZNS has a stabilised anti-wear additive, based on zinc dithiophosphate, and a high viscosity index, enabling it to resist high temperatures and water, while improving the working life of the installation's components and that of the fluid, which is not auto-polluting.

The chemical stability of MATIC ZNS, as well as its exceptional anti-corrosive properties, favour perfect neutrality towards metals and elastomers.

MATIC ZNS has very good resistance to shearing and has the feature of possessing a very low pour point.

USES

All hydraulic control circuits, working at high pressure and/or temperatures and fitted to fixed or mobile equipment:

- Public works equipment
- Industrial equipment: machine tools, presses, etc.
- Is suitable also for hydraulic lift motors.
- Working temperatures : -30°C to +50°C
- Thanks to the high quality base oils and additives used in the formulation of these oils, they are well suited for hydraulic system operated at very high pressures exceeding 25 Mpa
- Working interval : up to 5000 h with analytical follow up

Characteristics	Standards	Units	Values						
			15	22	32	46	68	100	150
Grades	ISO-VG	-	15	22	32	46	68	100	150
Density at 15 °C	NF T 60-101	Kg/m ³	867	867	871	871	875	889	891
Kin. vis. at 40 °C	NF T 60-100	mm ² /s	15.6	22.1	31.8	45.7	68.2	100	144
Kin. vis. at 100 °C	NF T 60-100	mm ² /s	4.1	5.0	6.2	7.9	10.6	14.1	17.7
Index viscosity	NF T 60-136	-	174	164	148	145	144	144	136
Pour point	NF T 60-105	°C	-39	-39	-36	-36	-30	-27	-24
FZG (A/8.3/90) damage level	DIN 354	level	-	-	11	10	-	-	-

Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.

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