

TICMA FLUID HV are mineral oil ISO-L-HV type hydraulic with high performance and high viscosity indexes, for hydraulic transmission and control circuits.

PERFORMANCES

Spécifications :

ISO 11158 Catégorie HV / ISO-L-HV-15-22-32-46-68-100
NF E 48-603
DIN 51524 Partie 3 HLVP-15-22-32-46-68-100
DENISON HFO (pump T6C-020)

JCB uses

JCB 4002/2000 – ISO VG 46
JCB 4002/2700 – ISO VG 68

ADVANTAGES

TICMA FLUID HV oils are hydraulic oils with a high viscosity index and very high resistance to shear.

They can be used in a wide range of temperatures. Their stability and hydrolysis stabilities ensure a long service for equipment. They have excellent filtration characteristics and do not affect hydrocarbon-resistant elastomer seals.

- Exceptional service life
- High tolerance to heavy loads
- Wide operating temperature range
- No action on elastomer seals.
- Application on mobile and stationary systems.

The use of hydraulic lubricant with a high viscosity index minimises the impact of temperature variations on the viscosity of the lubricant, therefore the stressed parts are preserved.

Technical data sheet



USES

TICMA FLUID HV oils are prepared from highly refined base oils and additives which give them the anti-wear, anti-oxidant, anti-corrosion and anti-foam properties necessary for use in hydraulic transmissions and control circuits operating in severe temperature and pressure conditions:

- Public works equipment: power shovels, compactors, dumpers, etc.
- Lifting and handling equipment.

More generally, TICMA FLUID HV is suitable for a very wide range of hydraulic systems of various applications.

CARACTERISTIQUES PHYSICO-CHIMIQUES

Characteristics	Standards	Unités	TICMA FLUID 15	TICMA FLUID 22	TICMA FLUID 32	TICMA FLUID 46	TICMA FLUID 68	TICMA FLUID 100
Specific gravity at 15°C	ASTM D4052	g/cm3	0.859	0,865	0,872	0,876	0,879	0,888
Cinematic Viscosity at 40°C	ASTM D7042	cSt	15	22.2	32,2	48	69,8	103,2
Cinematic Viscosity at 100°C	ASTM D7042	cSt	3,8	4,84	6,2	8,3	10,85	14,78
Viscosity Index	ASTM D2270		151	146	145	148	145	149
Pour point	ASTM D92	°C	- 40	- 37	- 36	- 35	- 35	- 27

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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