



Fluid L100

Hydraul., Hydraulic HH / HL

MINERAL

U220008

6/10/2024

Rev 3

Basis Hydraulische en tandwielkast olie Din 51524 HL ISO-VG 100

DESCRIPTION

- FLUID L is a hydraulic fluid resisting to oxidation, corrosion and foaming. This oil is particularly recommended for hydraulic systems with low pressure to 150 bar.

FLUID L may also be used for:

- General lubrication and the lubrication of moderately loaded gears in oil bath.
- Lubrication of vacuum pumps, more particularly the viscosity grade ISO VG 100.

ADVANTAGES

- Thermal stability.
- Resistance to oxidation.
- Filterable remains in the presence of water.
- Filterability DENISON HFO: without water: 100 sec: water: 50% of the permissible maximum.
- Highly effective against corrosion of ferrous and non-ferrous metals, especially in humid environments.

NORMS/APPROVALS

DIN 51524 HL

SPECIFICATIONS

ISO 6743 - HLDenison HF 1, ISO 6743/2 FC, ISO 6743/4 HL, ISO-L-DAA, AFNOR NFE 48.603 HL

RECOMMENDATIONS

Low pressure Hydraulic

AVAILABILITY

U220008	Bulk /99	IBC /97	Gr. Vat /68	60L/53kg /42	20L staal /41	20L plastic /29	4X5L /7	12X1L /12	Klein
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Fluid L100

TECHNICAL DATA

PROPERTIES	UNIT	METHOD	VALUE
ACEA	Association Constructeurs Européennes de l'Automobile		
API	American Petroleum institute		
COLOUR	Visual		
Density @ 15°C	kg / L	ASTM D1298	0
Pourpoint	°C	ASTM D97	-27
Flashpoint COC	°C	ASTM D92	254
Cinematic Viscosity @40°C	cSt	ASTM D7279	96.9
Kinematic viscosity @ 100°C	cSt	ASTM D7279	139
(V.I.) Viscosity index		ASTM D2270	95
Copper Corrosion		ASTM D130	
Anilinepoint	°C	ASTM D611	
Noack evap	% w/w	ASTM D 5800	
Sulphated Ash	% weight		

For guidelines on emergencies, handling and storage etc., please refer to the SDS/MSDS. This is available on request. Storage of the product: 3 years in a sheltered environment, unopened.

Any handling/disposal/liquidation of the product must comply with local regulations for petrochemicals. Advice will be given on request.