

**TECHNICAL INFORMATIONS ABOUT THE PRODUCT
INDUSTRIAL OILS – HIDRAULIC OILS HV****HIDROLEN OIL HV**

HIDROLEN OIL HV are a top quality multigrade mineral hydraulic oils with excellent viscosity properties used for modern hydraulic systems exposed to a constant changes of temperature and pressure. They are produced in viscosity grades: ISO VG 22, VG 32, VG 46, VG 68, VG 100.

Advantages:

- high viscosity index;
- high shear resistance even under harsh working conditions;
- excellent anti-wear properties;
- high oxidation, thermal and chemical stability i effective anti-corrosion protection for non-ferrous metals;
- efficient extraction of air and complete absence of foaming;
- neutral to standard seals.

**QUALITY LEVEL: SRPS ISO 6743/4 (L-HV), ISO 11158 (HV), DIN 51524/3 (HVLP)
AFNOR NF-E 48-603 (HV), DENISON HF-0/HF-2,VICKERS I-286-S, M-2950-S**

PHYSICAL - CHEMICAL CHARACTERISTICS

Characteristics	Units	Typical values					Test methods
		VG 22	VG 32	VG 46	VG 68	VG 100	
Kinetic viscosity at 40 °C	mm ² /s	22	32	46	68	100	SRPS ISO 3104
Viscosity index	-	150	140	140	135	130	SRPS ISO 2909
Point of ignition, COC	°C	190	210	215	220	220	SRPS ISO 2592
Pour point	°C	-30	-30	-25	-25	-23	SRPS ISO 3016
Ability to extract water, 43-37-0 mL, max	minute	20 (54°C)	30 (54°C)	30 (54°C)	30 (54°C)	30 (82°C)	ASTM D 1401
Corrosity (Cu paper, 3h, 100 °C)	class	1	1	1	1	1	SRPS ISO 2160
Foaming, max sequence I, sequence I, sequence III	mL/mL	25/0 50/0 25/0	25/0 50/0 25/0	25/0 50/0 25/0	25/0 50/0 25/0	25/0 50/0 25/0	SRPS ISO 6247

PURPOSE

HIDROLEN OIL HV oils lubricate modern hydraulic and circulation systems operating under conditions of high pressures, frequent and large temperature changes. They are used for the lubrication of high strength and load capacity hydraulic systems such as hydraulic press, tools, transport, construction, agricultural and mining machines, hydraulic systems on marine equipment, as well as for the lubrication of hydraulic pumps and movable elements of mechanical systems. They can be used in the systems with temperature range between -30°C and +100°C outdoors.

STORAGE

HIDROLEN OIL HV - should be stored in their original packaging protected from the direct influence of the atmosphere.

PACKAGING:

1 L	5 L	10 L	20 L	200 L	1000 L
		x 2 pcs	x	x	x