

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

HIDROLEN OIL SHD are a high quality hydraulic oils for hydraulic systems of small and middle power, load, pressure and temperature.

They are produced in viscosity grades: ISO VG 22, VG 32, VG 46, VG 68, VG 100.

Advantages:

- excellent anti-wear properties;
- high oxidation stability and anti-corrosion protection;
- good filterability and de-emulsion properties;
- efficient extraction of air and complete absence of foaming;
- neutral to standard seals.

QUALITY LEVEL: SRPS ISO 6743/4 (L-HM), ISO 11158 (HM), DIN 51524/2(HLP) AFNOR NF-E 48-603 (HM), 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	-	100	100	95	95	95	SRPS ISO 2909
Point of ignition, COC	°C	190	210	215	220	220	SRPS ISO 2592
Pour point	°C	-21	-21	-20	-18	-15	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 25/0 25/0	25/0 25/0 25/0	25/0 25/0 25/0	25/0 25/0 25/0	25/0 25/0 25/0	SRPS ISO 6247

PURPOSE

HIDROLEN OIL SHD oils are used for the lubrication of all types of hydraulic and circular systems with normal and constant temperatures, such as hydraulic press, tooling, transport, construction, agricultural and mining machines, hydraulic pumps and movable elements of mechanical systems.

Lower viscosity oils are used for machines with high precision and low power, while medium viscosity oils are used for presses, cranes and machine tools. Higher viscous gradations are used for lubrication under higher temperature and load conditions. In gear pump machine, they are used at temperatures of 40-80°C.

STORAGE

HIDROLEN OIL SHD - 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 15 pcs	x 3 pcs	x 2 pcs	x	x	x