

High VI Hydraulic Oil

Description

DAYAN HVLP HYDRAULIC OIL range are hydraulic fluid, that can be used over a wide temperature range. It contains a Zinc based additive for reducing wear, is composed of mineral base oils and provides consistently high performance even in an environment with widely fluctuating temperatures in industrial and mobile hydraulic Systems working under heavy loads.

Features and benefits

- High viscosity index
- Very Good wear protection
- Very Good thermal and hydrolytic stability
- Excellent filterability
- Good corrosion protection
- Good water separation
- Rapid air release

Application

- Equipment operating in a wide range of temperatures
- Industrial equipment operating at low temperatures (pump and servo systems)
- Hydraulic presses operated indoors or outdoors
- Hydraulic systems of machine-tools
- Hydraulic systems of earthmoving and forestry machines
- Equipment operating in a wide range of temperatures

Specification

- DIN 51524 - P III (HVLP)
- ISI 6143/4 - HYDRAULIC Oil Type HM

Product and environmental safety

DAYAN HVLP HYDRAULIC OIL is Unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standard of Industrial and personal hygiene are maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water. Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

The DAYAN trademark is registered and protected in Iran.

Technical Data

Test	Units	Method	15	22	32	37	46	68	100	150
ISO Viscosity Grade	-	-	15	22	32	37	46	68	100	150
Relative Density at 15°C	g/ml	ASTM D4052	0.86	0.86	0.85	0.85	0.85	0.86	0.87	0.87
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	15	22	32	37	46	68	100	150
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	3.8	5	6.1	6.8	7.8	10.5	14.0	18.8
Viscosity Index	-	ASTM D2270	150	150	145	145	142	142	142	142
Open Flash Point	°C	ASTM D92	162	188	192	196	200	200	206	218
Pour Point	°C	ASTM D5985	-39	-39	-36	-33	-36	-33	-30	-27

Note:

1- The Typical characteristics are given as a guide only and may vary according to latest production according to ISO.