

Advanced Synthetic Hydraulic Oil

Description

DAYAN HYDRAULIC PS SERIES fluids are based on synthetic PAO technology and are designed for a broad range of stationary and mobile applications, with their extra-long oil life, wide operating temperature window, impactful energy efficiency, and robust equipment protection. DAYAN HYDRAULIC PS SERIES enables customers to realise potential cost savings through longer equipment service life and lower maintenance costs.

Features and benefits

- Premium Wear Protection
- Mobile Hydraulic systems
- Industrial hydraulic systems

Application

- Industrial hydraulic systems

Specification

- ASTM 6158-05 (HV Fluids)
- ISO 11158 (HV Fluids)
- DIN 51524 (HVLP Oils)

Storage and Handling

DAYAN HYDRAULIC PS SERIES are 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	HYDRAULIC PS 32	HYDRAULIC PS 46	HYDRAULIC PS 100
ISO Viscosity Grade	-	-	32	46	100
Relative Density at 15°C	g/ml	ASTM D4052	0.84	0.84	0.84
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	32	46	100
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	6.3	8.1	14.8
Viscosity Index	-	ASTM D2270	150	150	154
Flash Point	°C	ASTM D92	235	245	265
Pour Point	°C	ASTM D5985	-48	-45	-42
Cleanliness Level (P.C)	-	NAS 1638	8	8	8

Note:

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