

Advanced Synthetic Zinc-Free Hydraulic Oil

Description

DAYAN HYDRAULIC PS ZF 46 fluid is based on synthetic PAO ashless 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 ZF 46 enables customers to realise potential cost savings through longer equipment service life and lower maintenance costs.

Features and benefits

- Extra-long oil life

DAYAN HYDRAULIC PS ZF 46 is advanced performance, shear stable hydraulic oils using high viscosity index synthetic PAO base oil technology with strong thermal and oxidative stability.

- Premium Wear Protection

DAYAN HYDRAULIC PS ZF 46 demonstrates outstanding performance even in the most stringent pump tests. In addition, this product has proven performance in thousands of hours of field trials in real equipment ranging from excavators to plastic injection molding machines.

- Mobile Hydraulic systems

DAYAN HYDRAULIC PS ZF 46 , with its broad operating window, long oil drain intervals, superior system operation characteristics and many approvals, is designed to be particularly suitable for mobile hydraulic systems such as construction and mining machinery.

- Industrial hydraulic systems

DAYAN HYDRAULIC PS ZF 46 , with its energy efficiency benefits and long oil life, is designed to be particularly suitable for stationary industrial hydraulic systems with a high intensity of hydraulic power usage such as injection molding and high pressure metal pressing operations.

Specification

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

Storage and Handling

DAYAN HYDRAULIC PS ZF 46 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	HYDRAULIC PS ZF 46
ISO Viscosity Grade	-	-	46
Relative Density at 15°C	g/ml	ASTM D4052	0.86
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	46
Viscosity Index	-	ASTM D2270	> 160
Flash Point	°C	ASTM D92	225
Pour Point	°C	ASTM D5985	-45
Cleanliness Level (P.C)	-	NAS 1638	7

Note:

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