

Zinc Free Hydraulic Oil

Description

DAYAN HYDRAULIC Oil ZF HLP SERIES are supreme performance lubricants based on a carefully selected ashless (zinc free) additive system designed to meet and exceed the most exacting performance standards.

Features and benefits

- Good thermal and oxidation stability for longer oil life and cleaner system.
- Excellent anti-wear performance for pump protection and reduced downtime.
- Excellent filterability for longer filter life and lower maintenance.
- Excellent water separation and hydrolytic stability for higher reliability and less downtime.

Application

- Hydraulic systems prone to deposits and sludge
- High load, anti-wear, thin film corrosion protection
- Presence of small amounts of water
- Systems with gears and bearings
- Machines with varied component metallurgy

Specification

- DIN 51524 - P II (HLP)
- ISI 6143/4 - HYDRAULIC Oil Type HM

Product and environmental safety

DAYAN HYDRAULIC Oil ZF HLP 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	ZF HP 32	ZF HP 46	ZF HP 68	ZF HP 150
ISO Viscosity Grade	-	-	32	46	68	150
Relative Density at 15°C	g/ml	ASTM D4052	0.86	0.86	0.88	0.88
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	32	46	68	150
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	5.35	6.7	8.6	14.7
Viscosity Index	-	ASTM D2270	99	97	97	97
Open Flash Point	°C	ASTM D92	216	226	240	240
Pour Point	°C	ASTM D5985	-27	-27	-24	-21

Note:

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