

Superior Cleanliness Hydraulic Oil

Description

DAYAN HLP Oils SC are supreme performance anti-wear hydraulic oils designed to satisfy a wide range of hydraulic equipment requirements. They provide long oil/filter life and optimum equipment protection reducing both maintenance costs and product disposal costs. These products meet the most rigorous performance requirements of a wide range of hydraulic system and component manufacturers using various multi-metallurgy designs allowing a single product with outstanding performance characteristics.

Features and benefits

- Superior cleanliness level and to filter longer
- This oxidation stability
- Very good resistance against wear

Applications

- Hydraulic systems critical to deposit build-up such as sophisticated Numerically Controlled (NC) machines, particularly where close clearance servo-valves are used
- Applications where sludges and deposits form with conventional products
- In systems containing gears and bearings
- Systems requiring a high degree of load-carrying capability and anti-wear protection
- Applications where thin oil-film corrosion protection is an asset such as systems where small amounts of water are unavoidable

Specification

- DIN 51524- II (HLP)

Product and environmental safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

The DAYAN trademark is registered and protected in Iran.

Technical Data

Test	Units	Method	32	36	46	68
ISO Viscosity Grade	-	-	32	36	46	68
Relative Density at 15°C	g/ml	ASTM D4052	0.86	0.86	0.86	0.86
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	32	36	46	68
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	5.3	5.9	6.8	8.6
Viscosity Index	-	ASTM D2270	96	106	101	97
Open Flash Point	°C	ASTM D92	220	220	225	225
Pour Point	°C	ASTM D5985	-30	-24	-30	-27
NAS	-	NAS 1638	7	7	7	7

Note:

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