

## Advanced Circulating and Bearing Oil

### Product Description

DAYAN CIRCULATION OIL SERIES are premium quality mineral oil blended with carefully selected additives for use in circulation systems and certain other industrial applications which do not require oils with EP properties.

### Features and benefits

- Rusting and corrosion reduced Text Normal.
- Bearing life increased due to good water separation.
- Pump cavitation minimised due to the low foaming tendency.

### Applications

- Machine circulation systems.
- Oil lubricated plain and rolling element bearings.
- Roll-neck bearings.
- Low or moderately loaded enclosed gears.

### Specifications & Performance Level

- DIN 51524 PART 1 (HL)

### 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	46	68	100	150	220	320	460
ISO Viscosity Grade	-	-	32	46	68	100	150	220	320	460
Relative Density at 15°C	g/ml	ASTM D4052	0.85	0.86	0.86	0.88	0.88	0.89	0.89	0.90
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	32	46	68	100	150	220	320	460
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	5.4	6.7	8.6	11.2	14.6	19.4	24.2	29.7
Viscosity Index	-	ASTM D2270	102	97	97	97	96	100	96	92
Open Flash Point	°c	ASTM D92	220	220	225	260	250	250	250	300
Pour Point	°c	ASTM D5985	-21	-21	-21	-18	-18	-18	-18	-9
Water Separability @54°C@10 min	ml/ml	ASTM D1401	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0

Note:

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