

Special EP Hydraulic & Gear Oil For Hydrodynamic Transmissions

Description

DAYAN HYDRODYNAMIC 32 is an advanced technology oil based on highly refined mineral oil, designed to meet the latest requirements of variators and advanced railway transmission systems combining hydrodynamic couplings and torque converters with mechanical gears.

Features and benefits

- Excellent extreme-pressure and micro-pitting resistance properties
- Compatibility with all seal materials and paints normally specified for use with mineral oil.

Application

- Gears and PIV variator lubrication.
- Railway hydrodynamic transmission systems .

Specification

- Meets the Requirement of voith general lubricant list 120.00059010, version 14
- DIN 51524- III (HVLP)
- ISO 6743/4 Class HV

Storage and Handling

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	Hydrodynamic 32
ISO Viscosity Grade	-	-	32
Relative Density at 15°C	g/ml	ASTM D4052	0.86
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	32
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	5.4
Viscosity Index	-	ASTM D2270	102
Open Flash Point	°C	ASTM D92	215
Pour Point	°C	ASTM D5985	-27

Note:

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