

SPD Hydraulic HP / Hydraulic System Oil HP

SPD Hydraulic HP / Speedol Hydraulic System Oil HP is an oil prepared by blending with synthetic base oils and special package additives, designed for use in hydraulic systems. It is an oil that anti-wear, anti-oxidation, anticorrosive and anti-foaming agent also viscosity index enhancing (H.V.I) additives are used.

Usage

Thanks to the additives in its structure, it is a high pressure resistant product that has separation feature from water, can be used easily in ambients of high temperature differences. Suitable for industrial & moving hydraulic systems and hydraulic systems of ships. Used with success in all areas where hydraulic system is used and needed, too.

Features

High Viscosity Index: Thanks to its High Viscosity Index (H.V.I.) within, it works without losing its effectiveness in environments with high temperature differences.

High Corrosion Protection: Thanks to the corrosion inhibitor in additive system it is protective against corrosion.

High Demulsify Property: Thanks to the existing demulsifier in its structure the feature of separating from the water is excellent. It removes the water from its system in a short time and maintains its lubrication feature.

Excellent Rust and Oxidation and Thermal Resistance: Thanks to high oxidation resistance, it prevents viscosity thickening and rust, sediment formation caused by oxidation.

Foam Control: Temperature resistance of this also increases the oxidation and thermal stability.

High Pressure Preventive And Anti-Wear Effect: Protects the system against abrasion by actively fulfilling the lubricating duty especially in pumppresses.

Technical Specifications

*Kinematic Viscosity @40˚C, cSt	ASTM D 445	32	46	68
*Density, 15 °C, g/ml	ASTM D 4052	0.868	0,868	0,871
*Viscosity Index	ASTM D 2270	195	190	178
*Flash Point, ˚C	ASTM D 92	230	240	252
*Pour Point, °C	ASTM D 97	-39	-36	-33

**Data given above are typical properties and may vary slightly.*

Performance

Parker (formerly Denison) HF-0, HF-1, HF-2 (HM, HV), Eaton M-2950-S and I-286-S3, MAG P68, P69, P70 (HM, HV), DIN 51524-2 (HM); DIN 51524-3 (HV), ISO 11158 (HM, HV), ASTM D6158 (HM, HV), SAE MS 1004 (HM, HV), Bosch Rexroth RE 90220, JCMAS P041 HK Hydraulic specification, ANSI/AGMA 9005-E02-RO, GM LS-2, AIST 126, 127, SEB 181222

Revision Number

01.10.2025 / REV06