

SPD HydroSyn AWH ZF

SPD HydroSyn AWH ZF is an industrial oil designed for use in hydraulic systems, formulated by blending synthetic base oils with special zinc-free additive packages and viscosity index HVI improver additives.

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.

High Pressure Anti-Wear Effect: Especially in high-pressure pumps, it actively performs its lubrication function and protects the system against wear.

Technical Specifications

*Kinematic Viscosity @40 °C, cSt	ASTM D 445	45,41
*Kinematic Viscosity @100 °C, cSt	ASTM D 445	8,3
*Viscosity Index	ASTM D 2270	160
*Density, 15 °C, g/ml	ASTM D 4052	0,8534
*Flash Point, °C	ASTM D 92	238
*Pour Point, °C	ASTM D 97	-42
*Foam Stability, II Sequence, mL/mL	ASTM D 892	0/0

**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 90235, JCMAS

P041 HK Hydraulic specification, ANSI/AGMA 9005-E02-RO, GM LS-2, AIST 126, 127, SEB 181222

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