SPINTA HYDRAULIC H.V.S. 46 / 68

Product Code: SP-IN-HVS-46 / SP-IN-HVS-68

Synthetic-Base Hydraulic Lubricant for Temperature-Variable Systems

PRODUCT DESCRIPTION

SPINTA HYDRAULIC H.V.S. is a synthetic-base hydraulic lubricant developed for industrial and mobile hydraulic systems subject to significant temperature variations and severe operating conditions. Its formulation provides viscosity stability, anti-wear protection, oxidation resistance and deposit control, helping maintain efficient hydraulic power transmission.

APPLICATIONS & BENEFITS

Temperature Versatility High viscosity index supports stable hydraulic response across wide operating-temperature variations.
Wear Protection Anti-wear additive technology protects pumps and hydraulic components under demanding service.
Demulsibility Rapid water separation helps preserve reliable lubrication and system efficiency.

KEY PERFORMANCE BENEFITS

Synthetic-Base Performance Synthetic-base technology improves resistance to thermal and chemical degradation.
Foam Control Air-release and anti-foam properties support proper hydraulic power transmission.
Severe-Service Reliability Suitable for industrial, mobile, earth-moving and precision hydraulic systems requiring ISO HV/HVLP fluids.

SPECIFICATIONS & PERFORMANCE LEVELS

Meets or exceeds the following specifications and performance levels; application statements as indicated:

- ISO-L-HV; ISO 6743-4
- DIN 51524 Part 3 HVLP
- Cincinnati Lamb P69 / P70
- Eaton-Vickers M-2950-S
- U.S. Steel 127
- Denison HF1 / HF2 / HF0
- AFNOR NFE 48-690 / 691
- GM LH-03 / LH-04 / LH-06
- ASTM D6158-05 HV

Recommendation: Always verify the required ISO viscosity grade and ISO HV/HVLP performance level in the hydraulic-system manufacturer's documentation before use.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Property	Test Method	46	68
ISO Grade	-	46	68
Density @ 15°C, kg/dm³	ASTM D 4052	0.850	0.860
Kinematic Viscosity @ 40°C, cSt	ASTM D 445	46.0	68.0
Kinematic Viscosity @ 100°C, cSt	ASTM D 445	8.5	11.5
Viscosity Index	ASTM D 2270	160	160
Copper Corrosion, 3h @ 100°C	ASTM D 130	1A	1A
Rust Preventing	ASTM D 665A	Exceeds	Exceeds
Pour Point, °C	ASTM D 97	-39	-39
Flash Point, °C	ASTM D 92	225	230
Demulsivity 40/40/0, min	ASTM D 1401	5	5
Foaming Trend / Stability	ASTM D 892	0/0	0/0
FZG / Exceeded Stage	DIN 51354	12	12

Note: The values shown above are typical for normal production and may vary within normal manufacturing tolerances. They do not constitute a product specification or contractual limit.

STORAGE, HEALTH & ENVIRONMENT

STORAGE

Store under cover whenever possible. If outdoor storage cannot be avoided, containers should be protected from rain and water infiltration. Avoid temperatures above 60°C, direct sunlight and freezing conditions.

HEALTH & SAFETY

When properly used and handled in accordance with standard personal hygiene practices, the product is not expected to present adverse health effects under normal conditions of use. Refer to the corresponding SPINTA Safety Data Sheet (SDS) for detailed precautions and first-aid information.

ENVIRONMENT

Do not discharge new or used product into drains, sewage systems, soil or watercourses. Used product must be collected and delivered to an authorized collection or disposal facility in accordance with applicable regulations.

ADDITIONAL INFORMATION

Safety Data Sheet (SDS): The corresponding SPINTA Safety Data Sheet is available separately and should be consulted before handling or using the product.
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