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Industrial solutions
for people.

HIDROTEX SUPER HVI SERIES

HIGH PERFORMANCE AND HIGH VISCOSITY INDEX HYDRAULIC OILS

PRODUCT DESCRIPTION

The HIDRTEX SUPER HVI_SERIES are hydraulic oils that are produced by mixing highly refined base oils with additives to improve the viscosity index.

These are HVI type hydraulic oils with a high viscosity index and high oxidation and corrosion resistance. Particularly suitable for use in mobile and stationary machines with changing environmental conditions.

APPLICATION / USAGE

Oils from the HIDRTEX SUPER HVI_SERIES can be used without any problems at both low and high temperatures and pressures.

ADVANTAGES / BENEFITS

- High viscosity index with increased shear stability
- Very good aging behavior and high lifespan
- Zinc-containing wear protection for highest pressures
- Wide temperature range
- Excellent low temperature behavior
- Reduced formation of sludge and deposits and thus extend the filter life
- Good demulsifying properties

SPECIFICATION / APPROVALS

DIN 51524 PART III,
ISO 11158 HV,
PARKER (DENİSON) HF-0, HF-1, HF-2,
EATON (VICKERS) I-286-S,
EATON (VICKERS) M-2950-S
CINCINNATI MACHINE P-68, P-69, P-70
JCMAS P041,
CETOP RP 91 H

STORAGE

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature should be between +5 and +40°C.

00.2022.01.01

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Human oriented industrial solutions.

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TECHNICAL PROPERTIES		TEST VALUES						TEST METHOD
		15	22	32	46	68	100	
Density (20°C, g/cm^3)		0,859	0,865	0,871	0,880	0,885	0,888	ASTM D 1298
Kinematic Viscosity (40°C, cSt)		15,5	22,55	32,5	44,2	69,2	100,0	ASTM D 445
Kinematic Viscosity (100°C, cSt)		3,9	4,96	6,35	7,9	11,02	14,65	ASTM D 445
Viscosity Index		153	152	151	151	151	152	ASTM D 2270
Flash Point (°C)		195	210	220	230	240	240	ASTM D 92
Pour Point (°C)		-30	-30	-30	-30	-30	-30	ASTM D 97
TAN (mg KOH/g)		0,3	0,3	0,3	0,3	0,3	0,3	ASTM D 974
Copper Strip Corrosion Test (3 h, 100°C)		1a	1a	1a	1a	1a	1a	ASTM D 130
Foam Tendency/Stability (2.kd, 93,5°C, mL)		50/0	50/0	50/0	50/0	50/0	50/0	ASTM D 892
Rust Test		Pass						ASTM D 665B
FZG Gear Test		12						DIN 51354
Water Separability		40/37/3						ASTM D 1401
Air Release (min)		5						ASTM D 3427
Oil Cleanliness Level	NAS Value	7						NAS 1638
	ISO Value	18/16/13						ISO 4406

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."

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