

HIDROTEX BSX SERIES HIGH PERFORMANCE HYDRAULIC OILS

PRODUCT DESCRIPTION

HIDROTEX BSX SERIES are a new generation HLP type hydraulic system oils, formulated based on Group II base oils to provide excellent protection and performance in all industrial and mobile hydraulic systems.

The HIDROTEX BSX SERIES is designed to meet the demanding requirements of hydraulic systems operating in difficult conditions with high pressure and high-performance pumps.

HIDROTEX BSX SERIES oils are used in particular in closed systems that operate loss-free over a long period of time in order to increase their service life and reduce disposal costs.

APPLICATION / USAGE

HIDROTEX BSX SERIES oils are recommended for industrial and dynamic hydraulic systems. They are used in special industrial applications such as work machines, presses, mobile construction equipment, plastic injection molding machines and air compressors.

ADVANTAGES / BENEFITS

- They reduce wear and thus increase it production capacity and plant performance
- They do not cause corrosion even if condensation gets into the system
- They do not clog the filters and thus lengthen the filter life
- They also retain their performance characteristics Even under difficult working conditions
- Due to their cleaning and sediment drag properties the system will be maintained clean and the formation of mud prevented
- Good demulsifying properties
- Low tendency to foam
- Reduce oil change frequency

SPECIFICATION / APPROVALS

Bosch Rexroth RDE 90245,
Parker (formerly Denison) HF-0, HF-1, HF-2 (HM),
Eaton E-FDGN-TB002-E,
EATON M-2950-S,
ISO 20763,
VICKERS I-286-S3,
DIN 51524-2 (HM),
ISO 11158 (HM),
ASTM D 6158,
SAE MS 1004,
JCMAS P041 HK Hydraulic specification,
ANSI AGMA 9005-EO2-RO,
GM LS-2,
AIST 126-127 (Us Steel).

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.

"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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HIGH PERFORMANCE HYDRAULIC OILS

TECHNICAL PROPERTIES		TEST VALUES			TEST METHOD
		32	46	68	
Density (20°C, g/cm ³)		0,855	0,861	0,864	ASTM D 1298
Kinematic Viscosity (40°C, cSt)		32	46	68	ASTM D 445
Kinematic Viscosity (100°C, cSt)		5,48	6,62	8,65	ASTM D 445
Viscosity Index		107	98	98	ASTM D 2270
Flash Point (°C)		220	230	240	ASTM D 92
Pour Point (°C)		-24	-21	-21	ASTM D 97
TAN (mg KOH/g)		0,5	0,5	0,5	ASTM D 974
Copper Corrosion (3 h, 100°C)		1a	1a	1a	ASTM D 130
Foaming Tendency/Stability (2 st, 93,5°C, mL)		20/0	20/0	20/0	ASTM D 892
Rust Test		Pass			ASTM D 665 B
FZG Pass Load Stage(A/8.3/90)		12			DIN 51354-2
Water Separability (54 °C, 30 min.)		40/37/3			ASTM D 1401
Air Release (min.)		5			ASTM D 3427
Oil Clean Level	NAS Value	7			NAS 1638
	ISO Value	18/16/13			ISO 4406

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