BELGiN
Industrial solutions for people.

HIDROTEX ZF SERIES

HYDRAULIC SYSTEM OILS

PRODUCT DESCRIPTION

HIDROTEX ZF SERIES are zinc-free hydraulic oils which have high resistant to wear and high resistant to wear and high thermal stability, produced with high quality paraffinic base oil.

They can be used in all kinds of hydraulic pumps with copper alloys due to copper corrosion inhibitors.

APPLICATION / USAGE

Steam and gas turbines are designed to meet the needs of circulation systems.

High strength and working load electricity generation plants, Gas Turbine Combined Cycle Power Plants, gas or steam turbines, hydraulic turbines and include custom applications, such as.

In addition, plastic injection molding machines, hydraulic systems, such as zinc can also be used unwanted

ADVANTAGES / BENEFITS

• They have a high a high oxidation, thermal and hydrolytic stability.

• In case of entrance condense water they prevent corrosion and easily separate from water.

• HIDROTEX ZF SERIES do not foam, thus do not case cavitation.

• Provide long oil and equipment life, reduce sludge and deposit formation and extend filter life,

• Their controlled demulsibility permits the oils to work well in systems contaminated with small amounts of water yet readily separate large amounts of water.

• They do not cause heavy metal polution in the environment.

• They provide long oil/filter life and optimum equipment protection reducing both maintenance costs and product disposal costs.

SPECIFICATION / APPROVALS

DIN 51524 Part II
AFNOR NF E 48-603,
VDMA 24318,
Thyssen TH N-256132,
CETOP RP 91 H.
US Steel 126, 127,
Eaton (Vickers) M-2950-S
Eaton (Vickers) I-286-S,
Parker (Denison) HF-0, HF-1, HF-2

STORAGE

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

HEALTH AND SAFETY

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application. Used or waste product should not be allowed to contaminate soil or water. Used or waste product should be disposed of in accordance with local regulations. For further guidance on product Health and Safety refer to the appropriate Material Safety Data Sheet.

00.2022.01.01

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Human oriented industrial solutions.

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TECHNICAL PROPERTIES		TEST VALUES			TEST METHOD
		32	46	68	
Density (20°C, g/cm^3)		0,882	0,888	0,890	ASTM D 1298
Kinematic Viscosity (40°C, cSt)		32	46	68	ASTM D 445
Viscosity Index		98	98	98	ASTM D 2270
Flash Point (°C)		210	230	240	ASTM D 92
Pour Point (°C)		-21	-21	-21	ASTM D 97
Copper Strip Corrosion Test (3 h, 100^{0}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
TAN (mg KOH/g)		0,1			ASTM D 974
Rust Test		Pass			ASTM D 665 B
Water Separability		40/37/3			ASTM D 1401
Air Release Time (min.)		5			ASTM D 3427
FZG		12			DIN 51354
Oil Clean 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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