



AK HYDROLUB FRDS SERIES

GRADES: FRDS 22, FRDS 32, FRDS 46, FRDS 68

DESCRIPTION:

AUTOKING HYDROLUB FRDS SERIES Oils Triixilenyl Phosphate Ester base fire resistant fluids. These products range is classified as HFDR hydraulic fluids according to ISO: 6743/4 and meets requirements ISO VG 32 and 46 and As per IS these products are classified as HF-D and meet the requirement ISO VG 22, 32, and 46.

AUTOKING HYDROLUB FRDS SERIES Oils are water free, Ester base and selected additives to enhance critical hydraulic properties. These oils provide fire resistance properties, anti-rust, anti-oxidant properties as well as outstanding anti-wear performance. These oils are tailor made synthetic oils.

APPLICATION:

- AK HYDROLUB FRDS Series Oils are recommended for hydraulic pumps operating in high temperature zone like in the areas of mining, steel mills, casting & forging plants etc.
- AK HYDROLUB FRDS Series Oils are also suitable for power generation industry as well as in much general industrial application.

PERFORMANCE LEVEL:

- IS 10532 PART-4.
- IS 7895.
- ISO: 6743/4.

FEATURES

- Excellent fire resistant properties.
- Superb oxidation and thermal stability.
- Good protection against corrosion.
- It Meet the Fire Resistance Properties such as Auto Ignition temp. Spray ignition test and flame Propagation test as per requirement of IS: 7895 and global certification.

BENEFITS:

- Excellent detergency contributing to system cleanliness
- High auto ignition temperature ensure safe operation
- Outstanding anti-wear performance.



TYPICAL PROPERTIES:

CHARACTERISTICS	FRDS 22	FRDS 32	FRDS 46	FRDS 68
ISO GRADE	-	32	46	68
APPEARANCES	CLEAR	CLEAR	CLEAR	CLEAR
DENSITY@15°C	1.25	1.25	1.25	1.25
KINEMATIC VISCOSITY @40°C, CST	20 - 24	29 - 35	42 - 50	63 - 74
KINEMATIC VISCOSITY @100°C, CST	3 - 5	5 - 6	6 - 8	8 - 10
POUR POINT °C, MAX.	-22	-20	-18	-16
WATER CONTAIN %	NIL	NIL	NIL	NIL
RUST PREVENTING	PASS	PASS	PASS	PASS
FLASH POINT °C, MIN.	280	280	280	280
TBN (MG/KOH/GM)	<0.1	<0.1	<0.1	<0.1

HEALTHY, SAFETY & ENVIRONMENT:- Auto king oil are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standard of industrial and personal hygiene are maintained. For more details contact STERLITE INDIA REPRESENTATIVES.

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