



AK HYDROLUB HFB SERIES

GRADES: HFB 68, HFB 100.

DESCRIPTION:

AUTOKING HYDROLUB HFB Series oils are fire resistant hydraulic fluid of water –in –oil emulsion type, conforming to IS:10532 (Part-2) 1983 for physical properties and IS:7895 for fire resistant characteristics.

AUTOKING HYDROLUB HFB Series oils inverted emulsion provides better lubricity and significantly higher viscosity than conventional oil- in- water emulsions. Additives provide resistance to corrosion and the formation of gums and resin.

APPLICATION:

- AK HYDROLUB HFB Series Oils are recommended for steel mills and coal mines, where the equipments are designed to operate with HFB fluids. These oils are also used in plastic and die-casting industries in injection molding machines.
- AK HYDROLUB HFB Series Oils are recommended for application where there is a risk of fire due to leakage or spillage of hydraulic fluid from the equipment and requires HFB type of oil.

PERFORMANCE LEVEL:

- IS: 10532- PART-2:1983.
- IS: 7895-1975.
- UK SPECIFICATION NO.570/1970.

FEATURES

- Excellent lubrication and corrosion resistance
- Compatible with seal and hoses
- Superior anti-wear property.
- Increased safely due to excellent fire resistance

BENEFITS:

- Reduction in friction and wear.
- Superior multi-metal compatibility.
- Small size water droplet and greater emulsion stability make ease to effective filterability.



TYPICAL PROPERTIES:

CHARACTERISTICS	HFB 68	HFB 100
APPEARANCES	WHITISH EMULSION	WHITISH EMULSION
DENSITY @15°C	0.90 – 0.91	0.90 – 0.91
KINEMATIC VISCOSITY @40°C CST	62 - 74	90 - 110
WATER CONTENT %	40	40
RUST PREVENTIVE	PASS	PASS
EMULSION STABILITY @70°C FOR 48 HRS		
FREE OIL, ML	1 MAX	1 MAX
FREE WATER, ML	NIL	NIL
EMULSION STABILITY @27°C FOR 1000 HRS		
FREE OIL, ML	4 MAX	4 MAX
FREE WATER, ML	NIL	NIL
PUMP WEAR TEST	PASS	PASS
FOAMING STABILITY, ML AT 24°C	NIL	NIL

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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