



## AK HYDROLUB FRWG SERIES

GRADES: FRWG 22, FRWG 46

### DESCRIPTION:

AUTOKING HYDROLUB FRWG Series Oils are HFC type water glycol fire resistance hydraulic fluid. Containing anti-wear additives and corrosion inhibitors. It provides excellent protection against rust and vapor phase corrosion. These oils are formulated with Diethylene glycol as the main glycol components. In hydraulic pump test, these oils showed a high level of anti-wear performance.

A high viscosity index makes the AUTOKING HYDROLUB FRWG Series oils effective over a wide range of operating temperatures. Its foam resistance, low temperature flow and storage stability are also excellent.

AUTOKING HYDROLUB FRWG Series oils are compatible with packing, gaskets, hoses and accumulators made from materials normally encountered in hydraulic system.

### APPLICATION:

- AK HYDROLUB FRWG Series oils are recommended for use in furnace doors, die casting machines, forging machinery and mining equipments. It can also be used in vane gear or piston-type pumps with pressure up to 3000 PSI.
- AK HYDROLUB FRWG Series oils are recommended for use in all type of hydraulic pumps and operating close to a source of ignition. Typical applications include, glass drawing machinery, combustion regulators, ladle tilting mechanisms etc.
- AK HYDROLUB FRWG Series oils the water content is important and must be maintaining up to 40% to retain fire resistant properties.

### PERFORMANCE LEVEL:

- IS 10532-PART-3 (1983)
- AS PER PART-3 OR PART-4.

### FEATURES

- It provides excellent protection against rust and vapor phase corrosion.
- Its foam resistance, low temperature flow and storage stability are also excellent.
- Super anti-wear performance gives wear protection and reduced downtime from unscheduled maintenances.
- Very good lubricity and high viscosity index.
- Very good anti-foam performance.
- Excellent- resistant to flammability.

### BENEFITS:

- Very low pour point ensures good cold flow behavior.
- Outstanding fire resistance properties cannot be ignited in spray ignition tools.
- Excellent glycol in water stability.
- Excellent resistant to oxidation.

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## TYPICAL PROPERTIES:

| CHARACTERISTICS               | FRWG 22     | FRWG 46     |
|-------------------------------|-------------|-------------|
| ISO GRADE                     | -           | 46          |
| APPEARANCES                   | CLEAR       | CLEAR       |
| DENSITY @15°C                 | 1.05 - 1.09 | 1.05 - 1.09 |
| KINEMATIC VISCOSITY@40°C, CST | 20 - 24     | 42 - 50     |
| POUR POINT°C, MAX.            | -27         | -24         |
| WATER CONTENT %               | 48%         | 50%         |
| RUST PREVENTIVE               | PASS        | PASS        |

**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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