

### DESCRIPTION

Servoprime oils premium quality lubricants especially formulated to give outstanding performance and long life in modern steam, gas and hydraulic turbines. Servoprime oils are manufactured from selectively refined distilled base stocks and contain carefully chosen antioxidant, rust inhibitor and defoamant additives. Servoprime LP oils are special purpose low pour turbine oils. These oils have been tested for radiation stability and found suitable for use in turbines exposed to radiation encountered in nuclear power plants.

### APPLICATION

Servoprime oils are recommended for use in the lubrication system of steam, gas and hydraulic turbines operating under all service conditions. In addition, Servoprime oils give outstanding performance in hydraulic systems, circulating lubrication systems, enclosed bearings and other industrial machines in which long trouble free service of lubricant is required. Servoprime LP oils are meant for low temperature applications such as Rotoflow expanders and Turbo-compressors used in refrigeration applications.

### PERFORMANCE BENEFITS

- Provide excellent long term protection against rust and corrosion
- Readily separate from water
- Ensure long service life since they possess outstanding oxidation stability
- Reduced tendency to foam
- Able to release entrained air at a rapid rate

### PERFORMANCE STANDARDS

Servoprime oils meet the following specification:

- Turbine oil requirements of BHEL
- BS 489/1983
- GE, USA specification GEK-27070
- IS: 1012 1987-1993 (Reaffirmed)

### MANUFACTURERS' APPROVAL

- Bharat Heavy Electricals Ltd., Bhopal
- Bharat Heavy Electricals Ltd., Hardwar

### CHARACTERISTICS

ISO VG	32	46	57	68	76	100	32LP	46LP	68LP
Kinematic Viscosity, cSt @ 40°C	29-33	43-48	55-60	64-72	74-79	96-104	29-33	43-48	64-72
Viscosity Index, Min.	100	98	95	95	95	95	100	98	95
Flash Point, (COC), °C Min.	200	200	210	210	220	220	200	200	210
Pour Point, °C Max.	(-) 6	(-) 6	(-) 6	(-) 6	(-) 6	(-) 6	(-) 30	(-) 30	(-) 30
Rust Test(D-665 A&B, 24 hrs.)	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Air Release Value @ 50Deg C in Minutes, Max	4.0	4.0	5.0	5.0	6.0	8.0	4.0	4.0	5.0

### HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR:

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