

PRODUCT DATA SHEET

SERVOPRIME 46G



DESCRIPTION

Servoprime 46G have been specially formulated to satisfy the demanding requirements of modern high-output gas turbines including their gear units. Servoprime 46G show exceptionally good oxidation stability, excellent demulsibility and prevent foaming tendency. These also possess good air release property. These properties are retained during prolonged service life and helps in giving outstanding performance and trouble free service.

Servoprime 46G provides extra antiwear and oxidation protection. This increases life of the load gears and prevents deposits induced troubles in critical turbine systems.

PERFORMANCE BENEFITS

- # Outstanding oxidation and thermal stability that ensure long trouble free service life.
- # Provide excellent antiwear protection.
- # Give excellent long term protection against rust and corrosion.
- # Prevent foaming tendency.
- # Release entrained air quickly.
- # Readily separates out water.

APPLICATION

Servoprime 46G is recommended for use in the lubrication system of gas turbines operating under all service conditions. In addition, Servoprime 46G provide outstanding performance in hydraulic systems, circulation systems, enclosed bearings and other industrial machines in which long trouble free service of lubricant is required. It is recommended for frame 3 / 5 / 6 / 6B / 6 FA / 7 EA / 9 E of BHEL make Gas Turbine.

PERFORMANCE STANDARDS

Servoprime 46 G exceed the following specifications :

- # ALSTOM HTGD 90117
- # GEK 101941 A
- # BHEL, GT 10198
- # TLV 901304 & TLV 901305(Siemens)

MANUFACTURERS APPROVAL

- BHEL, Hyderabad
- Siemens, Germany

CHARACTERISTICS

ISO VG GRADE	46G (Typical)
Kinematic Viscosity, cSt @ 40°C	43-48
Viscosity Index, Min.	108
Flash Point, (COC), °C Min.	210
RPVOT, Min, minutes, D-2272	1200
RPVOT Modified, D-2272	> 85%
TOST Hrs., 2 mg KOH/gm, D-943	> 1000
FZG Fail Stage, D-51354	10

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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