

# PRODUCT DATA SHEET

## SERVOSYSTEM 121-460



### DESCRIPTION

Servosystem oils are high quality circulation oils designed for use in a wide variety of industrial equipment. These oils are incorporated with specially selected sludge dispersant, which prevents the deposition of harmful oil-insoluble sludge and varnish in circulating systems, even on extended service.

### PERFORMANCE BENEFITS

- Provide long term protection against rust and corrosion
- Have resistance to the formation of sludge and deposits in the system
- Provide long life to moving parts due to adequate anti-wear properties
- Have reduced foaming tendency
- Ensure longer intervals between oil changes and
- Ensure longer intervals between oil changes and system clean ups

### APPLICATION

These oils are particularly suitable for lubrication of anti-friction particularly of paper mill dryer rolls, plastic film calendars and paper corrugators where the excellent resistance of these oils, to the formation of harmful deposits, results into outstanding benefits. These oils find wide usage as gear and bearing lubricants in coal pulverizers and a variety of other ore and rock crushing machinery. These oils are also extensively used for long, trouble free operation of compressors, machine tools, hydraulic systems, circulating oil systems and small enclosed gears where EP lubricants are not necessary.

### PERFORMANCE STANDARDS

- IS: 10522:1983 ( Reaffirmed 1993 )
- IPSS : 1-09-022

### MANUFACTURERS APPROVAL

Servosystem oils are approved by the leading machinery manufactures, such as:

- S.L.M. Maneklal Industries Ltd., Ahmedabad
- Tat Robins-Fraser Ltd., Jamshedpur

### CHARACTERISTICS

ISO VG	121	176	220	320	460
Kinematic Viscosity, cSt @ 40°C	119-123	170-180	210-230	315-350	440-500
Viscosity Index, Min.	90	90	90	90	90
Flash Point (COC), °C Min	220	230	230	230	260
Pour Point, °C Max	(-) 3	(-) 3	(-) 3	(-) 3	(-) 3
Rust Test, (D-665 A&B, 24 hrs)	Pass	Pass	Pass	Pass	Pass

### 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:

Technical Services Dept., Indian Oil Corporation Ltd., G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai - 400 051

**E-Mail:** servotechserv@indianoil.in **OR** servots@indianoil.in

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