

# SERVO HYDRAULIC OIL

## GRADES AVAILABLE - SERVOHYDRAULIC 32/46/68/81/100/150

### DESCRIPTION

Servo hydraulic oils are anti-wear hydraulic and circulation oils specially formulated for efficient lubrication of wide variety of industrial equipment. Servo hydraulic oils are blended from highly refined base stocks and carefully selected antioxidant, anti-wear, anti-rust and anti-foam additives.

### PERFORMANCE BENEFITS

Servo hydraulic oils

- Provide good wear- protection, thereby prolonging service life of moving parts
- Possess high film strength properties which help minimise friction and wear
- Provide rust-protection, to reduce the incidence of corrosion
- Have excellent resistance to oxidation.
- Have reduced tendency to foam thereby minimise the chance of noisy operation and erratic actuator response

### APPLICATION

Servo hydraulic oils are recommended as fluid media for hydraulic systems and hydraulic pumps. These oils are also recommended for circulation, splash, bath and ring oiling systems of the bearings of industrial machinery. These oils can be used for chain drives and compressor crankcase lubrication.

They are not suitable for lubrication of turbines and silver or silver coated components in any equipment.

### PERFORMANCE STANDARDS

- IS: 10522:1983 ( Reaffirmed 1993 )
- Vickers V 104 C Vane Pump Test

## CHARACTERISTICS

GRADE	32	46	68	81	100	150
Kinematic Viscosity, cSt @ 40°C	29-33	43-48	64-72	77 - 85	96-104	147-153
Viscosity Index, Min	95	95	95	90	90	90
Flash Point (COC), °C Min.	190	200	210	210	210	230
Pour Point, °C Max.	(-) 6	(-) 6	(-) 6	(-) 6	(-) 6	(-) 6
Rust Test, (D-665 A&B, 24 hrs.)	Pass	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:

Commercial & Lube Dept., Lanka IOC PLC, Level 20, West Tower, World Trade Center, Echelon Square, Colombo 01.

**E-Mail:** [vsakthivel@lankaio.com](mailto:vsakthivel@lankaio.com) OR [lankaio@lankaio.com](mailto:lankaio@lankaio.com)