

# SERVO GEAR HP

**GRADES AVAILABLE - SERVO GEAR HP 80W, HP 80, HP 85W, HP 85, HP 90, HP 140**

**DESCRIPTION**

Servo Gear HP oils are extreme pressure automotive gear lubricants. These oils are blended from selected base stocks and contain additives to provide extreme pressure, anti-rust-corrosion characteristics

**APPLICATION**

Servo Gear HP oils are recommended for passenger car, bus and highway truck hypoid, spiral bevel and worm gear axles and also manual transmission for which an extreme pressure gear lubricant of this type is required. Servo Gear HP 80 is specially designed for power transmission units of vehicles operating at sub-zero temperatures.

**PERFORMANCE BENEFITS**

Servo Gear HP oils

- Satisfy the lubrication requirements of a wide variety of gears.
- Provide protection against wear, due to good EP characteristics
- Give long service life even under high temperature operation since it has excellent oxidation stability
- Provide good protection against corrosion

**PERFORMANCE STANDARDS**

Servo Gear HP oils meets:

- API Service GL 4
- IS: 1118-1957 (Reaffirmed 1993)
- UK Defence CS 3000A
- US military MIL-L-2105

**APPROVAL**

- Bharat Earth Movers Ltd., Bangalore
- Escorts Ltd., Faridabad
- Hindustan Motors Ltd., Kolkata/Hoogly
- Kirloskar Tractors Ltd., Nasik
- Mahindra & Mahindra Ltd., Mumbai
- URAL India Ltd

**CHARACTERISTICS**

| SAE GRADE                       | HP 80W | HP 80 | HP 85W | HP 85   | HP 90 | HP 140 |
|---------------------------------|--------|-------|--------|---------|-------|--------|
| Kinematic Viscosity cSt @ 100°C | 8-10   | 9-11  | 11-12  | 11.5-13 | 16-18 | 28-34  |
| Viscosity Index, Min.           | 90     | 90    | 90     | 90      | 90    | 90     |
| Flash point (COC), °C Min.      | 165    | 180   | 180    | 180     | 180   | 190    |
| Pour Point, °C Max.             | (-) 27 |       |        |         | (-) 9 | 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.