



# LUBRICANTS

POWER TO PERFORM

## HP GEAR OIL ZFL 80W 90

Premium Quality Automotive Gear And  
Transmission Oil

### DESCRIPTION

HP GEAR OIL ZFL 80W 90 is a premium quality extreme pressure multi-grade gear oil blended from highly solvent refined base stocks and fortified with carefully selected extreme pressure additives package to provide unmatched extreme pressure protection, anti-rust, anti-corrosion and anti-oxidation properties.

HP GEAR OIL ZFL 80W 90 is a multi-purpose gear lubricant for automotive applications designed to provide optimum benefits in the demanding mechanical transmissions, axles and gear boxes of heavy commercial vehicles, light commercial vehicles and passenger cars.

### APPLICATIONS

HP Gear Oil ZFL 80W 90 is recommended for the new generation vehicles for heavy duty service in their synchromesh manual gearboxes, transaxles, semi-automatic mechanical transmissions, axles etc.

### PERFORMANCE BENEFITS

- Excellent protection to gear components against wear under heavy loads
- Permits operation across broad temperature range
- Smooth gear-shifting performance
- Longer oil and component life
- Superior protection against rust and corrosion, oxidation, foaming and deposits

### MEETS OR EXCEEDS REQUIREMENTS OF

- API GL-4
- EP type GL-4 level of IS: 1118:1992 (Re-affirmed 2008)
- US MIL-L 2105B
- MB-Approval 235.1
- MAN 341 Type E-1
- MAN 341 Type Z-2
- ZF TE-ML 02B
- ZF TE-ML 16A
- ZF TE-ML 17A
- ZF TE-ML 19C



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### PHYSICO-CHEMICAL PROPERTIES

|   |             |
|---|-------------|
| Kinematic Viscosity @ 100°C, cSt        | 13.5 – 18.5 |
| Viscosity Index, Min                    | 90          |
| Brookfield Viscosity, @ -26 °C, cP, Max | 1,50,000    |
| Flash Point, COC, °C                    | 184         |
| Pour Point, °C.                         | -33         |