



**LUBRICANTS™**

**POWER TO PERFORM™**

## HP POWERFLO FD1-60

Premium Quality Final Drive & Axle Oil

### DESCRIPTION

HP POWERFLO FD1-60 is a premium quality final drive & axle oil formulated from high quality hydro-treated base stocks and revolutionary and unique additive technology, designed to meet the Caterpillar FD1-60 lubricant specifications. HP POWERFLO FD1-60 contains special anti-wear components that provide increased protection for bearings and gears against macro-pitting and metal fatigue and imparts full metal and seal compatibility, excellent thermal and oxidation stability and sustained anti-foam performance.

HP POWERFLO FD1-60 grade is meant specifically for applications with high load and high temperature conditions where protection of gears and bearings are the primary concern. HP POWERFLO FD1-60 is a preferred lubricant for CAT final drives and axles that formerly specified CAT TO-4 oils and that do not contain friction materials.

### APPLICATIONS

HP POWERFLO FD1-60 is recommended for use in certain Caterpillar equipment having highly loaded final drives and axles that do not contain friction material.

### FEATURES & BENEFITS

- Excellent protection against rust
- Excellent protection against copper corrosion
- Excellent seal compatibility
- Sustained antifoam performance
- Excellent thermal & oxidation stability
- Extended oil life due to low rate of oxidation
- Reduced downtime due to extended oil change

### MEETS REQUIREMENTS

- Caterpillar FD-1

### PHYSICO-CHEMICAL PROPERTIES (TYPICAL)

Kinematic Viscosity @ 100°C, cSt	25.2
Brookfield Viscosity @ -10 Deg C	47800
Cu Strip Corrosion ( 3 hrs @ 150 Deg C)	1B
Pour Point, Deg C	-12
Flash point (COC), °C	240