



# TECHNICAL DATA BULLETIN

## 7510-7530-7550 Power Transmission Fluid

LEADERS IN LUBRICANTS

### DESCRIPTION:

Heavy-duty, high performance power transmission fluids formulated for use in transmissions, final drives, and wet brakes of equipment requiring a fluid that meets the Caterpillar TO-4 or Allison C-4 specifications as well as certain manual transmissions. Manufactured from high quality 100% paraffinic base oils and carefully selected additives. Provides excellent friction properties, gear protection, and resistance to oxidation.

### PHYSICAL CHARACTERISTICS—TYPICAL:

	<u>7510</u>	<u>7530</u>	<u>7550</u>
Equivalent SAE Grade	10	30	50
Gravity, °API	30.0	28.1	27.0
Viscosity			
SUS @ 100°F. (38°C.)	222.1	577.3	1275
SUS @ 210°F. (99°C.)	47.69	66.91	102.2
cSt @ 40°C. (104°F.)	43.22	110.8	241.4
cSt @ 100°C. (212°F.)	6.50	11.91	20.38
Viscosity Index, min.	95	95	95
Flash Point °F. (°C.)	445 (230)	485 (252)	500 (260)
Pour Point °F. (°C.)	-22 (-30)	-17 (-27)	5 (-15)
Color	Red	Red	Red

### MEETS PERFORMANCE REQUIREMENTS OF:

CAT TO-4	Allison C-4	API CF (7510)
API CF, CF-2 (7530, 7550)	ZF TE-ML01	ZF TE-ML03
Komatsu	Dana (Spicer)	Eaton (Fuller)

### APPLICATION:

For use in Caterpillar and Komatsu transmissions, final drives and wet brakes, Allison Powershift transmissions, and various torque converters requiring a fluid meeting Caterpillar TO-4/TO-2 or Allison C-4/C-3 requirements. Also suitable for use in Dana (Spicer), Eaton (Fuller) and ZF transmissions that permit the use of heavy duty engine oil type products.

**LUBRICATION ENGINEERS, Inc.**

**BENEFICIAL QUALITIES:**

Excellent friction properties.

Paraffinic base oil and special oxidation inhibitors give longer oil life.

Keeps system cleaner, longer.

Exceptional gear protection.

Eliminates foaming.

Good compatibility with seal and friction materials.

Special rust and corrosion inhibitors protect system.