



CMT

MANUAL TRANSMISSION FLUID

BEYOND SYNTHETIC®

CMT is a blend of premium mineral and synthetic lubricants and meets the requirements of Caterpillar TO-4; Allison C-4*, CF-2, CF; Eaton; and Dana manual transmissions.

CMT manual transmission fluid provides outstanding friction performance with both the metallic and nonmetallic friction materials found in today’s hi-tech powershift transmissions. The frictional characteristics in Royal Purple’s CMT eliminate excessive brake noise and prevent clutch slippage — even under heavy loads on steep inclines.

CMT provides excellent low temperature fluidity for easier cold weather starting, superior corrosion and rust protection and maximum foam protection against entrained air. This combined with Royal Purple’s Synerlec® additive technology promotes greater oil life, smoother brake operation, reduced gear wear, controlled powershift transmission friction and more reliable equipment.

*CMT 30 meets or exceeds Allison C-4 requirements.

PERFORMANCE ADVANTAGES

Prolongs Cylinder and Packing Life

Reduces Maintenance Costs

Excels in High Pressure Gas Service (up to 10,000 PSI in natural gas reinjection compressors)

Excellent Corrosion Protection with H2S and CO2

		ISO GRADE	
Typical Properties*	Method	30	50
Density, lbs/gal	D4052	7.36	7.41
Viscosity	D445		
cSt @ 40°C		99	172
cSt @ 100°C		11.7	16.7
Viscosity Index	D2270	110	105
Flash Point, °F/°C	D92	480/249	475/246
Pour Point, °F/°C	D97	-24/-31	-27/-33
Total Base Number	D2896	8.5	8.5

**Properties are typical and may vary.*