

CMT™

Manual Transmission Fluid



Beyond Synthetic™

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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 entrapped 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.

Typical Properties	SAE Grade			
	10W	30	50	60
Viscosity				
cSt @ 40°C	26.0	94.6	188.0	273.2
cSt @ 100°C	5.2	11.5	18.4	23.6
SSU @100°F	134	491	986	1442
SSU @ 210°F	44	66	94	118
Viscosoty Index	135	111	108	108
Flash °F	>425	>460	>460	>460
Pour Point °F	-50	-40	-34	-30
Total Base Number (TBN)	>8.0	>8.0	>8.0	>8.0
Foam Test, Seq. I, II, III	0/0	0/0	0/0	0/0

*Properties are typical and may vary