

	BMW Original - Shell M-1375.4	ZF Lifeguard 6	Pentosin ATF1 (Manufacturer - CRP Industries)	Mobil ATF LT 71141	MotorCraft Mercon SP ATF	AMSOIL Synthetic Fuel Efficient
Colour		Brown	Brown		Brown	
Smell		N/A	N/A		Mineral Oil	
Soluble in Water		No	No		No	
pH		N/A	N/A		N/A	
Freezing/Pour point	-51 C		-51 C	-45 C	-45 C or - 49F	-53 C or -63 F
Melting point			-59.8 F			
Flash point	>210 C	>200 C	>220 C or >428 F		218 C or 242 F	226 C or 439 F
Boiling/Fire point			Not examined or no evidence		>280 C / >320 C	244 C or 471 F
Viscosity	26.8 at 40 C 5.6 at 100 C 8500 at -40 C Index 151	28 mm2/s at 40 C	38.0 mm2/s - Kinematic	37 at 40 C 7.3 at 100 C Index 163	27.3 at 40 C 5.7 at 100 C 819 at -20 C 8610 at -40 C Index 155	29.8 at 40 C 6.0 at 100 C Index 153
Gravity			0.850 g/cm3 at 20 C or 68 F		0.849 at 60 F or 15.5 C	
Density	840 at 15 C				7.08 lb/gal	