



TECHNICAL DATA SHEET

TO-4 SYN

APRIL TO-4 SYN is a superior quality synthetic transmission fluid made with APRIL NANO 1™ lubricant technology for maximum protection and energy savings. Recommended for transmissions and hydraulic systems requiring an all-season Caterpillar TO-4M lubricant. Available in two SAE viscosity grades.

SPECIFICATIONS: Allison C-4; API GL-4; Caterpillar TO-2, TO-4, TO-4M; Vickers 35VQ25 (0W-20); ZF TE-ML 03



GRADE	FORMAT	LITRES	CODE
0W-20	pail	18.9 L	18.9-SYN0W20T04-SF
	tote	1,000 L	900-SYN0W20T04-SF
5W-30	pail	18.9 L	18.9-SYN5W30T04-SF
	tote	1,000 L	900-SYN5W30T04-SF
	bulk	bulk	100-SYN5W30T04-SF

PROPERTY	METHOD	VALUE	
		0W-20	5W-30
color	visual	amber	amber
density @ 15 °C (kg/l)	ASTM D4052	0.8449	0.8531
kinematic viscosity @ 40 °C (cSt)	ASTM D445	49.91	67.70
kinematic viscosity @ 100 °C (cSt)	ASTM D445	9.08	11.05
Brookfield viscosity (cP @ °C)	ASTM D2983	24,800 (-40)	26,050 (-35)
CCS viscosity (cP @ °C)	ASTM D5293	6,124 (-35)	6,268 (-30)
viscosity index	ASTM D2270	165	155
flash point (°C)	ASTM D92	230	232
pour point (°C)	ASTM D97	-45	-42

