



PRODUCT SPECIFICATION DATA SHEET



BOSS POWER TRANSMISSION FLUID

Customer Benefits:

BOSS Power Transmission Fluid is designed for heavy duty power-shift transmissions. BOSS Power Transmission Fluid will provide improved transmission performance, power transfer, transmission efficiency under conditions of higher horsepower output, increased loads and higher operating temperatures.

Today's power-shift transmissions, wet-disc brakes, and final drives are becoming more complex and are using more advanced materials. As a result, they require fluids formulated specifically to optimize their performance. BOSS Power Transmission Fluid provides unmatched friction performance in transmissions, provides smoother brake operation, reduces wear on gears, and maximizes equipment life.

BOSS Power Transmission Fluid is an oil formulated to "replace" fluids recommended for Allison C-3 and Caterpillar® CD/TO-2 for non-engine components. BOSS Power Transmission Fluid is available in four viscosity grades to meet summer and winter requirements as well as manual transmission and final drive applications (except where a gear oil is recommended)

PERFORMANCE SPECIFICATIONS:

SAE GRADE	WMG*			
	OW20	10W	30	50
Density, @ 15°C, Kg/l	0.8775	0.8899	0.8944	0.8996
COC Flash Point, °C	166	197	209	220
Viscosity, cSt @ 40°C	40.6	44	92.5	220.4
Viscosity, cSt @ 100°C	7.5	6	10.5	17.9
Viscosity Index	154	101	95	94
Pour Point, °C	-51	-37	-23	-15
Brookfield Viscosity @ -40°C	14, 000 cP			
CCS @ -35°C	5300 Cp			

* WMG – (Winter Multi Grade

Applications:

Exceeds the performance requirements of:

- Allison C-4, C-3 – SAE 10W and 30 grades
- Caterpillar® TO-4 – all grades
- Komatsu Micro-Clutch – all grades

Properties: