

ARCHOIL

FALEX PIN AND VEE BLOCK TEST WITH COEFFICIENT OF FRICTION

ASTM D-3233

1/15/2007

TREAT LEVEL	<u>AR9100 Nanoborate</u>			ALT MOTORSILK Boric acid			PERCENT <u>BETTER</u>
	3.5 % IN 100 NEUTRAL			ADDITIVE NEAT FROM BOTTLE			
	<u>LOAD</u>	<u>TORQUE</u>	<u>COF</u>	<u>LOAD</u>	<u>TORQUE</u>	<u>COF</u>	
	500	12	0.0713	500	16	0.0951	25.0%
	1000	19	0.0585	1000	24	0.0713	18.0%
	1250	21	0.0499	1250	FAIL		INFINITY
	1500	24	0.0476				INFINITY
	2000	31	0.0461				INFINITY
	2500	35	0.0416				INFINITY
	3000	38	0.0377				INFINITY
	3500	43	0.0365				INFINITY
	3750	47	0.0373				INFINITY
	4000	FAIL					

THIS ANALYSIS WAS DONE TO GIVE THE ALT ADDITIVE THE BEST POSSIBLE RESULT.

IF THE ALT ADDITIVE WAS TREATED AT ITS USE LEVEL, THE RESULT WOULD BE MORE DRAMATIC