



To **Dr S Strydom**

From **M Cronje, Sasol Wax R&D Laboratory**

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BROOKFILED VISCOSITY OF DILUTED SASOLWAX BITUGLIDE™

A request was received from NDIA to determine the Brookfield viscosity of some Sasolwax BituGlide™ dilutions. The latter is used as a release agent for roller operations and difficulties were experienced to optimize the spray patterns on the wheels. The viscosities of a range of dilutions are shown in table 1 below. The results are presented graphically in figure 1.

Table 1: Brookfield viscosities of diluted Sasolwax Bituglide™

Sample Number	BituGlide™ : Water ratio	Percentage dilution	Brookfield Viscosity, @ 25°C (spindle 31) (mPa.s)
A	-	0	920
B	19 : 1	5	407
C	5 : 1	17	222
D	4 : 1	20	193
E	3 : 1	25	168
F	2 : 1	33	138
G	1 : 1	50	108
H	1 : 2	67	101
I	1 : 3	75	98
J	1 : 4	80	97
K	1 : 5	83	97
L	1:19	95	95

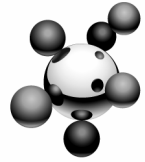
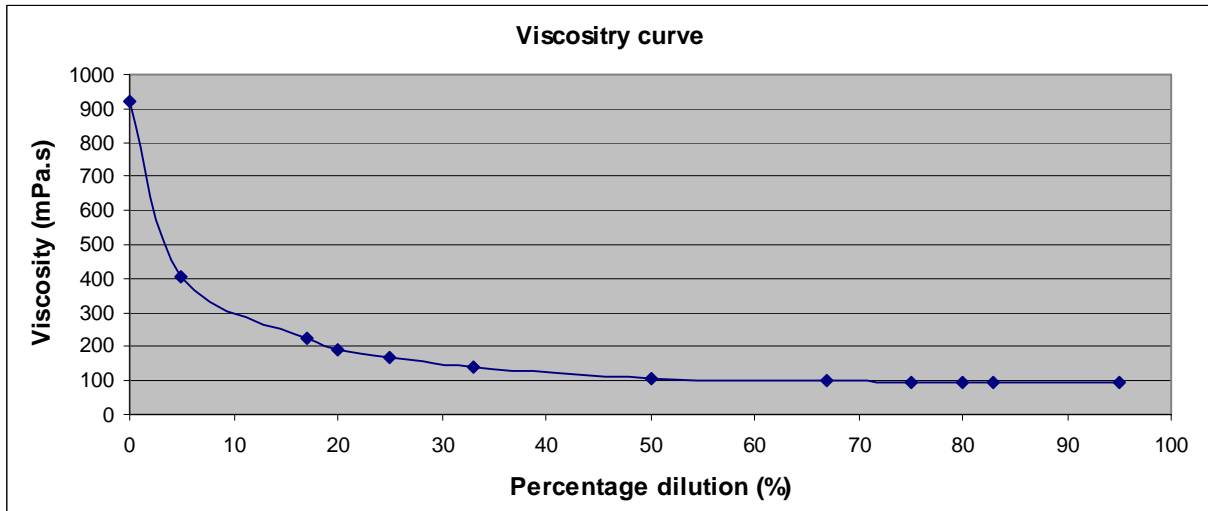


Figure 1: Brookfield viscosities of diluted Sasolwax Bituglide™



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