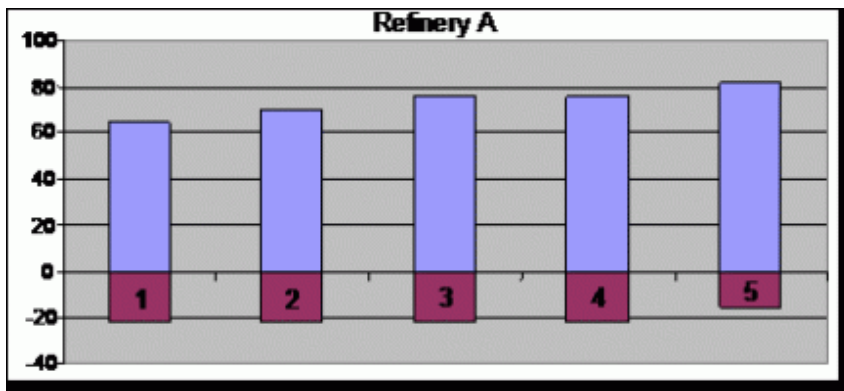




Examples for PG upgrades

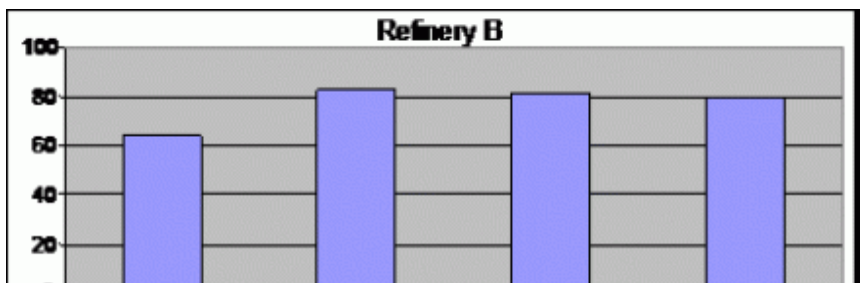


Examples for PG upgrades possible with our modifier systems



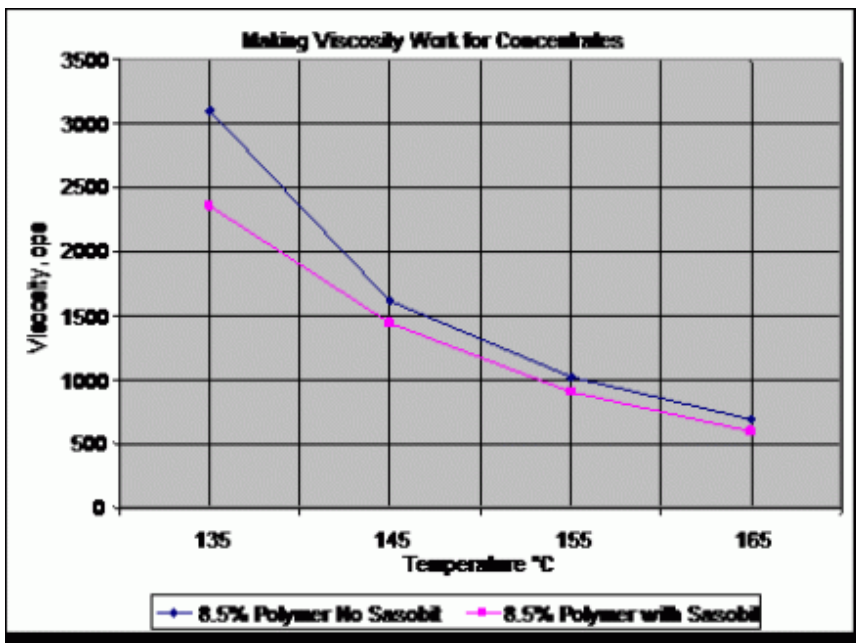
1	2	3	4	5
Base 64-22	Base 64-22	Base 64-22	Base 64-22	Base 64-22
	2.0% SBS	2.0% SBS	4.0% SBS	2.0% SBS
		0,3% Sasolwax [®] Link TX		0,3% Sasolwax [®] Link TX
				2.0% Sasobit
PG Grading (64-22)	PG Grading (70-22)	PG Grading (76-22)	PG Grading (76-22)	PG Grading (82-16)

Results can often vary depending on the base asphalt used, but here are some other examples of PG upgrades using different types of asphalt:

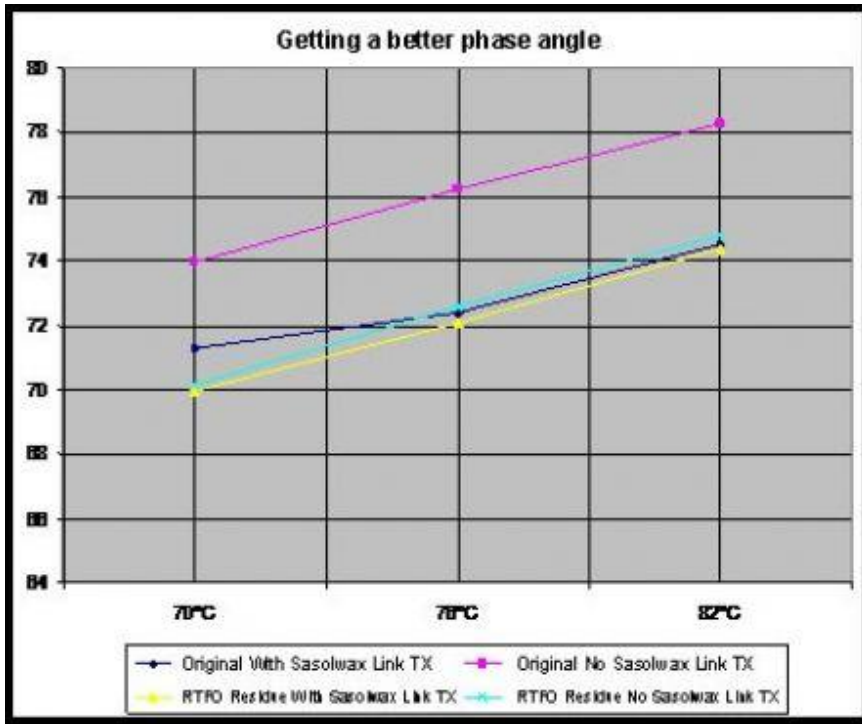




	A	B	C	D
Concentrate	Base 64-22	Dilution	Dilution	Dilution
10.0% SBS		3.8% Polymer	3.0% Polymer	2.5% polymer
1.5% Sasobit®				
0.4% Sasolwax® Link TX				
N/ A	PG Grade	Cont. PG Grade	Cont. PG Grade	Cont. PG Grade
	(64-22)	(82.90 - 26.10)	(81.50 - 26.10)	(79.40 - 26.70)



	Viscosity[cps]	Temp. [°C]
Conc. A	3105	135
8.5% Polymer	1616	145
No Sasobit®	1020	155
0.3% Sasolwax® Link TX	688	165
Conc. B	2355	135
8.5% Polymer	1444	145
With Sasobit®	904	155
0.3% Sasolwax® Link TX	595	165



Blend	Original Binder	RTFO Residue	Temperature
	Phase Angle [°]	Phase Angle [°]	[°C]
2.5% Polymer	71,27	69,95	70
With Sasolwax [®] Link TX	72,41	72,09	76
Dilution From	74,51	74,38	82
10% Polymer			
2.5% Polymer	73,98	70,13	70
No Sasolwax [®] Link TX	76,24	72,58	76
Dilution From	78,24	74,79	82
10% Polymer			