REACH Physico-Chemical Data Report

Property Measured/Assessed: 7.17 Viscosity

Substance (registration name)	**Olefines, polymer, oxidized, hydrolyzed, distn. residues, from C20 alcohols manuf.**
Test material	**NAFOL 22+**
Batch / Lot no.	**03820/MA**
Data Owner:	**Sasol Germany GmbH**
Company Study no.	#7863
Test Institute	**Sasol Germany GmbH Laboratory Brunsbüttel**
Report no.	**REACH22+0003,viscosity**
Date of Analysis	**2011-02-22**
Guideline	**ASTM D 7042-04**
Test Method If other (please specify)	**other:** **Stabinger Viscometer**

RESULTS

Viscosity at temperature	**7,4 unit mPa s (dynamic)** **80 unit ° C**
Remarks on results	

COMMENTS/ADDITIONAL INFORMATION:

Analyst Name (print): M. Sprung
Date Signed: 2011-06-30
Analyst Name (sign): M. Sprung

Sample					
Name		**NAFOL 22+**			
EINECS		Olefines,polymer,oxidized,hydrolyzed, distn.residues,from C20 alcohols manuf.			
EINECS no.		936-12-4			
CAS.-no					
Lot No.		03820/MA			
LIMS code		REACH22+0003,0001			
Reference Number LIMS		20110195527			
Method					
		ASTM D 7042 - 04			
Equipment					
Type of viscosimeter		Stabinger Viscometer SVM3000			
serial no.		80066484			
used thermometer		Pt 100			
Measurement parameters					
equilibrium time for temperature constancy	s	60			
temperature	°C	80,0			
Date/Operator					
Date of measurement		22.02.2011	22.02.2011	22.02.2011	
Operator		M.Krohn	M.Krohn	M.Krohn	
Calibration					
Date		22.02.2011			
Operator		M.Krohn			
reference sample		Brookfield Standard Ser.No.A56933			
dynamic viscosity (theory)	mPa*s	99,0			
temperature	°C	25,0			
dynamic viscosity (experimental)	mPa*s	97,6			
Measurement					
density	g/ml	0,8058	0,8061	0,8063	
kinematic viscosity	mm²/s	9,1	9,1	9,2	
dynamic viscosity	mPa*s	7,3	7,4	7,4	
atmospheric pressure (weatherstation)	mbar	1024	1024	1024	
remarks of results					
Date Signed		22.02.11			
Analyst Signed		M. Krohn			