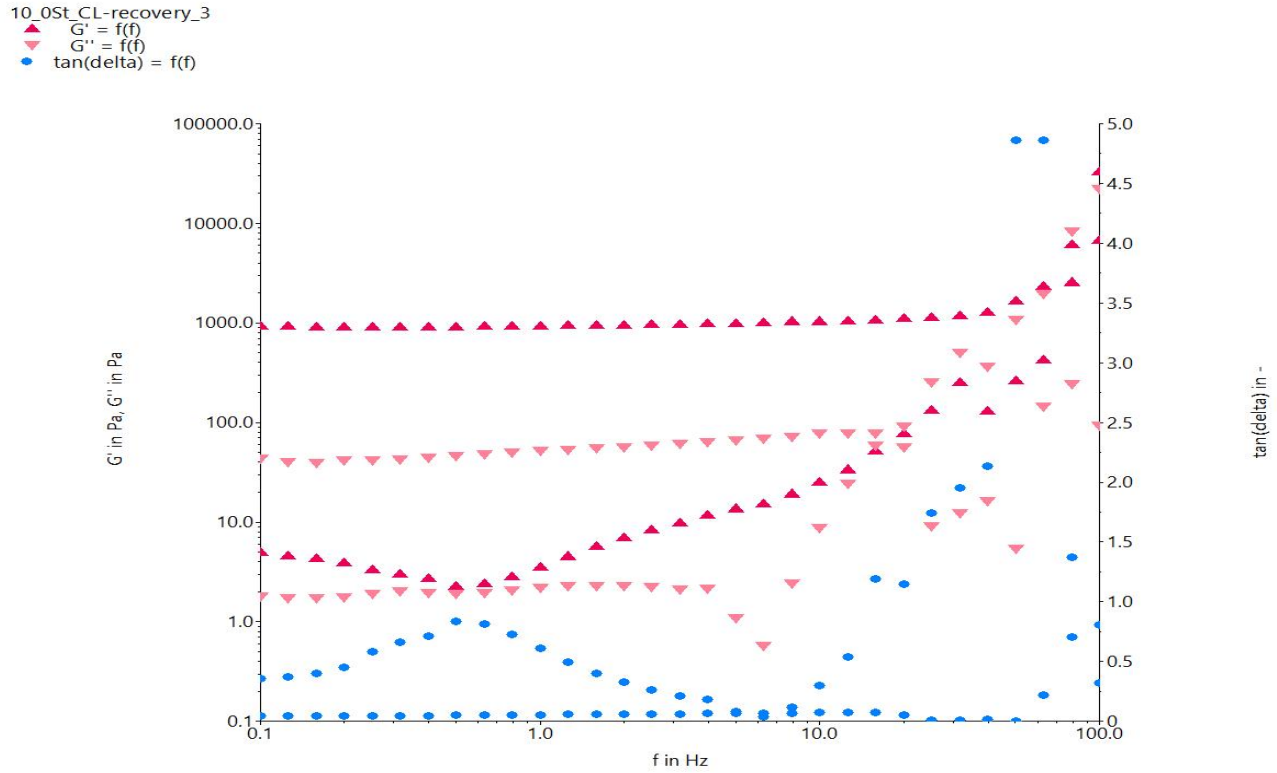
Company	cebb	**Measuring device**	MARS iQ Air	121003532001	
Operator	Rhéomètre	**Temperature device**	MTMC-iQ (MARS iQ Air)		
Date/Time	17.10.2024 / 11:18:33	**Measuring geometry**	P35/Ti/SE - 02220632	**Gap**	158,496 mm
Sample name	10_0WSt_CL	**A-factor**	1,188e+05 Pa/Nm		
Sample no		**M-factor**	0,1104 (1/s)/(rad/s)		
Description					

Comment



Filename: C:\Users\Rhéomètre\Desktop\Data\Petrus\171024\10_0St_CaCl2\10_0St_CL-recovery_3.rwd

Job: C:\Users\Rhéomètre\Desktop\job\Petrus\automatized\viscoelastic_recovery.rwj

Element definition / Notes

ID 42: Set Temperature; CS; Tau 0,000 Pa; t 5,00 s; ; T 37,00 °C ;

ID 30: Rotor is going to reach the sample

ID 36: Ax Ramp; CG; h cur - 0,5000 mm lin; t 30,00 s; #30; T prev °C; CS 0,000 PaBreak crit.(#1);

ID 2: Set Temperature; CS; Tau 0,000 Pa; t < 180,00 s; ; T 37,00 °C <± 1,00 °C;

ID 9: Osc Freq Sweep; CS; Tau_0 5,000 Pa; f 0,1000 Hz - 100,0 Hz log; t >≈ 25 s; #10; T prev °C;

ID 35: Rot Time; CR; GP 300,0 1/s; t 200,00 s; #100; T prev °C;

ID 46: Rot Steps; CR; GP prev 1/s - 0,1000 1/s lin; t 495,00 s; #15; T prev °C;

ID 10: Set Temperature; CS; Tau 0,000 Pa; t 180,00 s; ; T prev °C ;

ID 7: Osc Freq Sweep; CS; Tau_0 5,000 Pa; f 0,1000 Hz - 100,0 Hz log; t >≈ 25 s; #10; T prev °C;

Evaluation

ID 56: Crossover : G' = G'' = 2774, Pa at omega = 641,0 rad/s f = 102,0 Hz

ID 57: Crossover :

G' = G'' = 49,33 Pa at omega = 94,94 rad/s f = 15,11 Hz

T = 37,00 °C

G' = G'' = 567,9 Pa at omega = 180,3 rad/s f = 28,69 Hz

T = 37,00 °C

G' = G'' = 1575, Pa at omega = 368,3 rad/s f = 58,62 Hz

T = 37,00 °C