

# Hydraulic Capacity Data Sheet



## Equipment Information

Applicable Procedure: **OI-TA-YTP001 / OI-TA-YTP004**

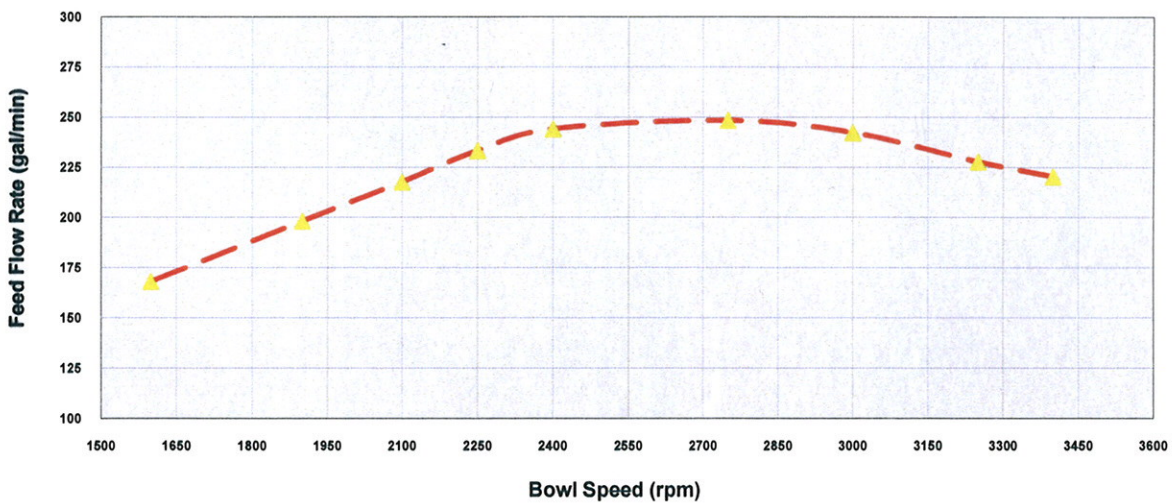
Name	Make & Model	Serial Number	Calibration Certificate	Expiration Date
Test centrifuge	CD 518 HV	07 CF 124 / 07 FR 270	N/A	N/A
Screw Conveyor	9610321	06 SC 277	N/A	N/A
Bowl	9610840-9610149-9610921-9610923	06 BW 183	N/A	N/A
Centrifuge main drive motor	Mot-D5C 225 S4 B3	P026253	N/A	N/A
Centrifuge back drive motor	Mot-D5C 160 L4 B3	S011293	N/A	N/A
Flow meter 1	E&H Promass 83F DN 80	9306CE02000	43917589/EH 19-03-09	18/03/2010

## Test Factors

Bowl Speed (rpm): 1600-3400  
 Pond Depth (mm): R115  
 Feed Tube Position (mm): Fixed

Test Fluid Type: Water  
 Test Fluid Temperature (°C): 13,7  
 Test Fluid Density (kg/ltr): 1,001

## Test Results



Bowl Speed		Differential Speed	G-factor	Pond Depth	Current Absorbed		Feed Flow Rate	
Set	Actual				Main Drive (Max ≤ 67 A)	Back Drive (Max ≤ 29 A)	(l/min)	(gal/min)
(rpm)	(rpm)	(rpm)		(mm)	(A)	(A)		
3400	3399	19	2281	115	67	9	834	220
3250	3249	17	2084	115	67	9	862	228
3000	2999	14	1776	115	67	9	917	242
2750	2749	12	1492	115	64	10	940	248
2400	2399	10	1136	115	56	11	924	244
2250	2249	10	999	115	52	14	883	233
2100	2099	10	870	115	47	14	824	218
1900	1899	10	712	115	41	14	750	198
1600	1599	10	505	115	34	14	636	168

On Behalf of M-I SWACO: Leo Di. Delupad.

Date: 24/03/2009

Certified Correct by: Giuseppe Guberman

Date: 24/03/2009



TUV Italia S.r.l. states to have attended the testing performed by the manufacturer and to have recorded in this report solely the evaluation of the performance requirements of the equipment above mentioned. The testing does not include compliance with safety requirements of the equipment and mandatory applicable requirements.

Tested at the M-I SWACO Product Verification Laboratory, Via Bellaria, 228, 44033 Berra - Ferrara, Italy, an ISO 9001:2000, ISO 14001:2004 and OHSAS 18001:2007 certified facility.