

CBM Oil Analysis Result


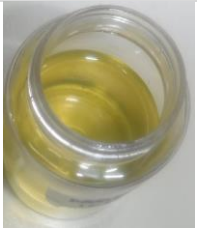

Customer	: PBI	Component Type	: Hydraulic Unit
Equipment Name	: Auto Intercell Welding Machine	Equipment Area	: MCB Moojin Line
Unit ID	: PGB652	Notification	: ---
Performed By	: John Angel G. Javinar	Employee No.	: 40001318

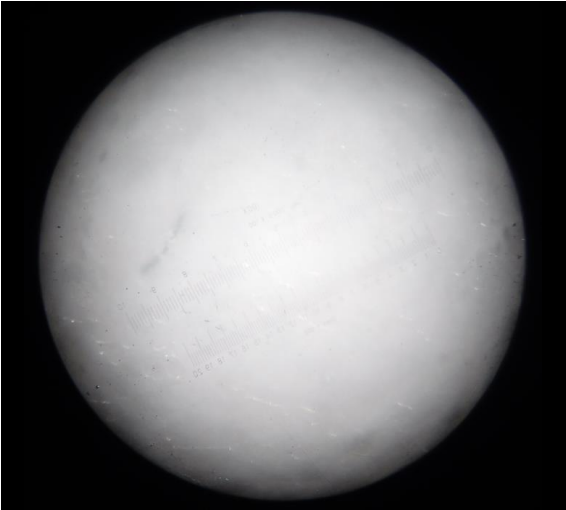
Sample Information				Overall Alarm
Date Extracted	: 08/26/2025	Tests Conducted:	: Patch Test, Oil Conductivity	NORMAL
Date Tested	: 08/27/2025	Appearance/Color:	: Clear (Yellow in color)	
Report Date	: 08/27/2025	Date of last replacement:	: Not Given	

Summary Findings:
<ul style="list-style-type: none"><li>Oil is in good condition and fit for further use.</li></ul>
Recommendation:
<ul style="list-style-type: none"><li>Continue monitoring of oil as per schedule.</li></ul>

Oil Life		Remarks	
Sample : Not Given	Manual Recommendation (Oil Change Frequency) : Not indicated	Oil life is shorter than manual recommendation and is fit for further use	
		Oil life is longer than manual recommendation and is fit for further use	
		Oil life is same with manual recommendation and is fit for further use	
		Oil life is shorter than manual recommendation and is not fit for further use	
		Oil life is longer than manual recommendation and is not fit for further use	
		Oil life is same with manual recommendation and is not fit for further use	

Oil Grade		Remarks	
Sample : Castrol 46	Manual Recommendation : ISO 46	Oil sample have a lesser grade than manual recommendation	
		Oil sample have a higher grade than manual recommendation	
		Oil sample have same grade with manual recommendation	

Oil Conductivity				Alarm Level			
Conductivity/ Dielectric Constant Change			.631		WARNING		
					NORMAL	✓	
Image of New Oil		Image of Current Oil Taken from Machine		Lubricated Machine Visual Inspection During Sampling		Image	
				Leak			
				Dirt			
				Water			
				Contaminant Ingression			
		Others:					

Patch Test			
ISO Codes are in accordance with ISO 4406, correlated to ISO code results from laser particle counters calibrated to ISO 11171.			
	Particle Size	ISO 4406 Code Range	ISO 4406 Code
	4 μ	640-1300	17
	6 μ	320-640	16
	14 μ	40-80	13
Slide Magnification:		100x	
Fluid Volume:		25ml	
Scope Scale Division (mm):		1 = 10μm	
Scope Scale Division (in):		1 = 14μm	
Photo Analysis:	Bright/ Dark Metals		✓
	Water		
	Rust		
	Fiber		
	Others		

Equipment Type	Recommended ISO Code	Analysis ISO Code (Should be equal or lower than Recommended ISO Code)
Hydraulic	22/21/18	17/16/13

Diagnosis	Alarm Level	
Oil cleanliness is within recommended ISO cleanliness code.	WARNING	
	NORMAL	✓