

Machine Id **POC-RIGHT BOOM LIFT - MCELROY** Component **Hydraulic System** Fluid **AW HYDRAULIC OIL ISO 46 (--- GAL)**

RECOMMENDATION

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

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All component wear rates are normal.

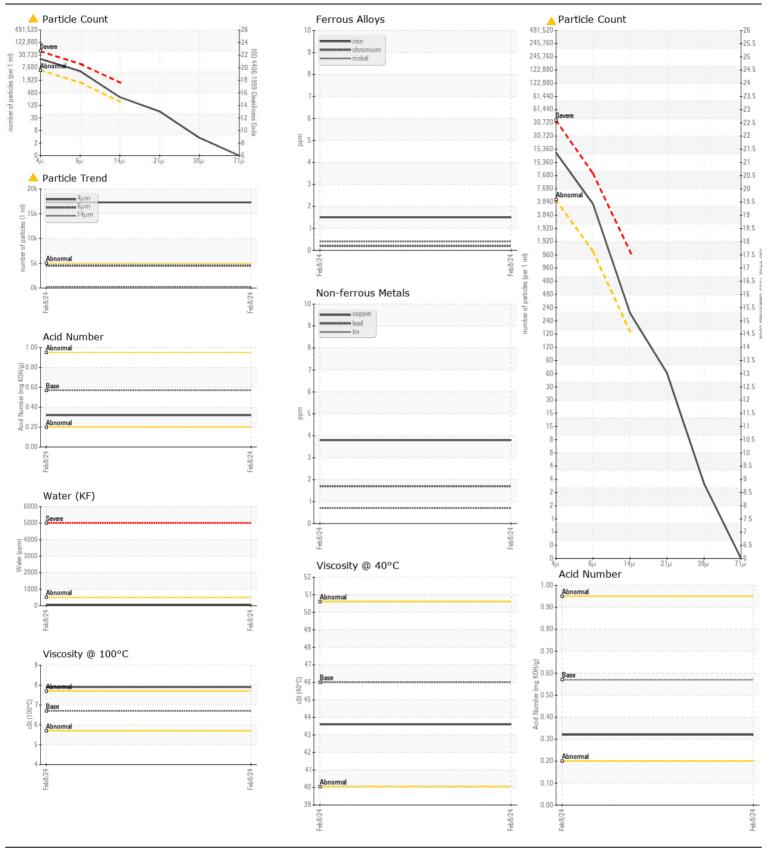
CONTAMINATION

There is a high amount of particulates present in the oil.

		ΓΙΟΝ

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

TestUOMMethodLimit/AbCurrentHistory1History2Sample DumberClient Info00 8 Feb 2024Machine AgehrsClient Info0Oil AgehrsClient Info0Oil ChangedClient Info0Oil ChangedClient InfoN/AFilter AgehrsClient InfoN/AFilter ChangedClient InfoN/ASample StatusClient InfoN/AKongepmASTM D5185m>20<-1NickelppmASTM D5185m>20<1NickelppmASTM D5185m>202AluminumppmASTM D5185m>202AluminumppmASTM D5185m>202Yellow MetalScalar"VisualNONENONENONEYellow MetalScalar"VisualNONENONEYellow MetalScalar"VisualNONENONEYellow MetalScalar"VisualNONEYellow MetalScalar"VisualNONEYellow MetalScalar"VisualNONE<							
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Filter Changed Sample Status Client Info N/A ABNORMAL Iron ppm ASTM D5185m >20 2 Iron ppm ASTM D5185m >20 <1 Nickel ppm ASTM D5185m 20 <1 Silver ppm ASTM D5185m 20 2 Aluminum ppm ASTM D5185m >20 2 Lead ppm ASTM D5185m >20 2 Vanadium ppm ASTM D5185m >20 4 Vanadum ppm ASTM D5185m >20 2 Vanadum ppm ASTM D5185m >20 2 Vanadum ppm ASTM D5185m >20 2 Vellow Metal scalar Visual <th>Filter Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>0</th> <th></th> <th></th>	Filter Age	hrs	Client Info		0		
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Chromium ppm ASTM D5185m >20 <1	Sample Status				ABNORMAL		
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Nickel ppm ASTM D5185m >20 <1	-						
Titanium ppm ASTM D5185m <1				-			
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Silicon ppm ASTM D5185m >15 1 Potassium ppm ASTM D5185m >20 2 Water % ASTM D6304 >0.05 0.006 ppm Water ppm ASTM D6304 >5000 ▲ 17286 Particles >4µm ASTM D7647 >1300 ▲ 4510 Particles >5µm ASTM D7647 >160 ▲ 2600 Particles >38µm ASTM D7647 >10 3 Particles >38µm ASTM D7647 >10 3 Particles >38µm ASTM D7647 >10 3 Silt scalar *Visual NONE Silt scalar *Visual NONE Appearance scalar *Visual NORML					-		
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Visc @ 100°C cSt ASTM D445 6.7 7.9	. ,	mg KOH/g	ASTM D8045	0.57	0.32		
	-		ASTM D445	46			
Viscosity Index (VI) Scale ASTM D2270 97 154	-						
	Viscosity Index (VI)	Scale	ASTM D2270	97	154		



TULCO OILS INC (001-TULSA DIVISION) Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. 5240 EAST PINE : TO10001946 Received : 12 Feb 2024 Lab Number : 06086041 TULSA, OK Tested : 13 Feb 2024 Unique Number : 10873486 : 13 Feb 2024 - Don Baldridge US 74115 Diagnosed Test Package : IND 2 (Additional Tests: KF, KV100, VI) Contact: DYLAN COPE Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. dylancope@tulco.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (800)375-2347 F: x: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)