OIL ANALYSIS REPORT

WEAR CONTAMINATION FLUID CONDITION

NORMAL SEVERE NORMAL

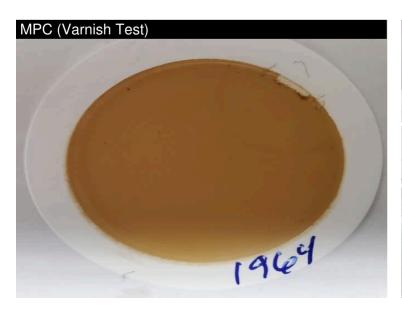
Machine Id

COLOSSUS-IMM (S/N M54A0200002)

Hydraulic System

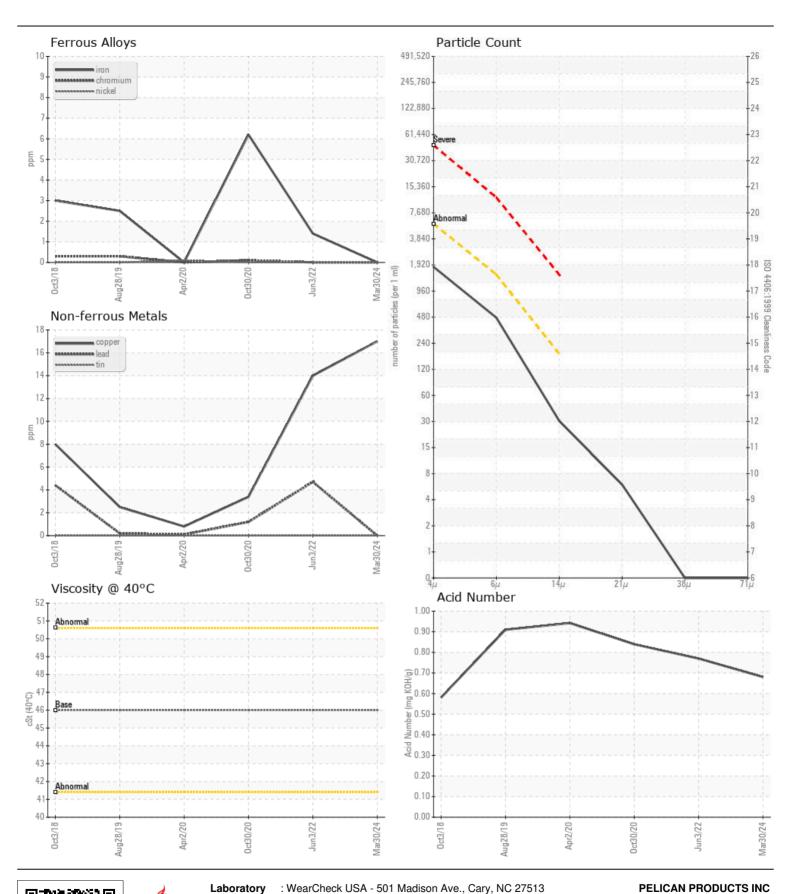
				-		
Test	UOM	Method	Limit/Abn	Current	History1	History2
	OCIVI		LIIIIUADII		,	,
•						30 Oct 2020
	hrs					12480
						0
				-	_	0
•	0				_	Not Change
						Changed
Sample Status				SEVERE	0	0
Iron	ppm			0	1	6
Chromium	ppm	ASTM D5185m	>10	0	0	<1
Nickel	ppm		>10	0	0	0
	ppm					0
	ppm					0
	ppm			-		0
	ppm					1
• •						3
			>10	-		0
			NONE	-		0
						NONE
Yellow Metal	scalar	visuai	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	0	<1	<1
Potassium	ppm	ASTM D5185m	>20	8	0	0
		WC Method	>0.1	NEG	NEG	NEG
	Scale			▲ 57		
						2830
						756
						73
· ·						23
						0
•				-	-	10/17/10
	coolor	. ,				19/17/13 NONE
						LIGHT
						NONE
						NORML
			-			NORML
		*Visual	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		2	0	1
Boron	ppm	ASTM D5185m		0	0	3
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	<1
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		0	0	2
Calcium	ppm	ASTM D5185m		81	68	90
	nnm	ASTM D5185m		656	662	756
Phosphorus	ppm					
Zinc	ppm	ASTM D5185m		756	824	881
Zinc Sulfur	ppm	ASTM D5185m ASTM D5185m		756 1719	824 1792	881 1749
Zinc Sulfur Acid Number (AN)	ppm ppm mg KOH/g	ASTM D5185m ASTM D5185m ASTM D8045	40	756 1719 0.68	824 1792 0.77	881 1749 0.839
Zinc Sulfur	ppm	ASTM D5185m ASTM D5185m		756 1719	824 1792	881 1749
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water MPC Varnish Potential Particles >4µm Particles >6µm Particles >38µm Particles >38µm Particles >38µm Particles >71µm Oil Cleanliness Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	Sample Number Sample Date Machine Age Oil Age hrs Filter Age Oil Changed Filter Changed Sample Status Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water MPC Varnish Potential Particles > 4µm Particles > 5µm Particles > 14µm Particles > 38µm Particles > 38µm Particles > 71µm Oil Cleanliness Silt scalar Sand/Dirt scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water ppm Molybdenum ppm Manganese ppm	Sample Number Sample Date Machine Age Oil Age hrs Client Info Oil Age hrs Client Info Oil Changed Filter Changed Sample Status Iron Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Vanadium Ppm ASTM D5185m Vater WC Method MPC Vanish Potential Particles >4µm Particles >4µm Particles >54µm Particles >21µm ASTM D7647 Particles >38µm ASTM D7647 Particles >71µm Oil Cleanliness Scalar Scalar *Visual Sand/Dirt Scalar *Visual Sand/Dirt Scalar *Visual Sand/Dirt Appearance Scalar Scalar *Visual Appearance Scalar *Visual Appearance Scalar *Visual	Sample Number Sample Date Machine Age Oil Age Irs Client Info Oil Age Irs Client Info Oil Changed Filter Age Oil Changed Filter Changed Sample Status Iron Opm ASTM D5185m Silver Opm ASTM D5185m Silver Opm ASTM D5185m Silver Oppm ASTM D5185m Oppm ASTM D7647 Silver Oppm ASTM D5185m Oppm AST	Sample Number Client Info Sample Date Client Info G5710	Sample Number Client Info 30 Mar 2024

Viscosity Index (VI) Scale ASTM D2270





Report Id: PELTORCA [WUSCAR] 06151964 (Generated: 05/12/2024 16:05:59) Rev: 2





Laboratory Sample No. Unique Number : 10982042

Lab Number : 06151964

: TR06151964

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received

: 17 Apr 2024 **Tested** Diagnosed

: 12 May 2024

: 12 May 2024 - Doug Bogart

Contact: NORMAN MASSON

Test Package: MOB 2 (Additional Tests: KV100, MPC, VI) To discuss this sample report, contact Customer Service at 1-800-827-0711.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

T: F: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

23215 EARLY AVE

TORRANCE, CA

US 90505

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