OIL ANALYSIS REPORT

WEAR CONTAMINATION FLUID CONDITION

NORMAL ABNORMAL NORMAL

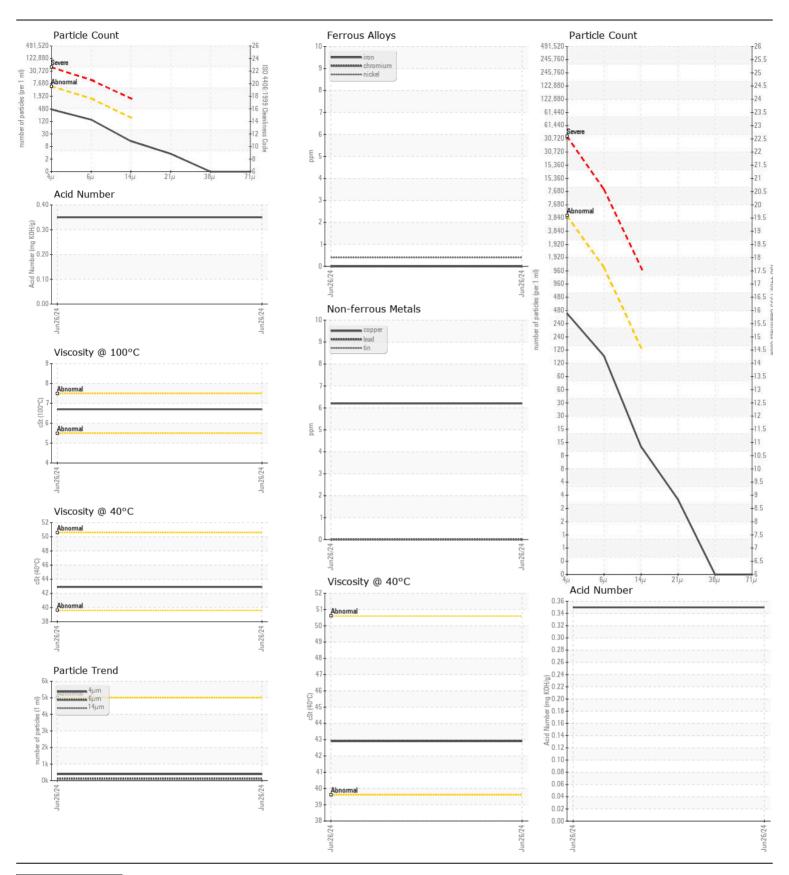
Machine Id

LINKBELT LINKBELT 350

Hydraulic System

GULF HARMONY AW (--- GAL)

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number		Client Info		TR06222315		
We recommend you service the filters on this component. Resample at	Sample Date		Client Info		26 Jun 2024		
the next service interval to monitor.	Machine Age	hrs	Client Info		3700		
	Oil Age	hrs	Client Info		1000		
	Filter Age	hrs	Client Info		500		
	Oil Changed		Client Info		N/A		
	Filter Changed		Client Info		N/A		
	Sample Status				ABNORMAL		
WEAR	Iron	ppm	ASTM D5185m	>20	0		
• • • • • • • • • • • • • • • • • • • •	Chromium	ppm	ASTM D5185m	>10	0		
All component wear rates are normal.	Nickel	ppm	ASTM D5185m	>10	<1		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m		0		
	Aluminum	ppm	ASTM D5185m	>10	0		
	Lead	ppm	ASTM D5185m	>10	0		
	Copper	ppm	ASTM D5185m	>75	6		
	Tin	ppm	ASTM D5185m	>10	0		
	Vanadium	ppm	ASTM D5185m		0		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185m	>20	0		
	Potassium	ppm	ASTM D5185m	>20	<1		
There is a moderate amount of visible silt present in the sample. The	Water		WC Method	>0.1	NEG		
amount and size of particulates present in the system are acceptable.	Particles >4µm		ASTM D7647	>5000	391		
	Particles >6µm		ASTM D7647	>1300	128		
	Particles >14µm		ASTM D7647	>160	12		
	Particles >21µm		ASTM D7647	>40	3		
	Particles >38µm		ASTM D7647	>10	0		
	Particles >71μm		ASTM D7647	>3	0		
	Oil Cleanliness		ISO 4406 (c)	>19/17/14	16/14/11		
	Silt	scalar	*Visual	NONE	▲ MODER		
	Debris	scalar	*Visual	NONE	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water		*Visual	>0.1	NEG		
FLUID CONDITION	Sodium	ppm	ASTM D5185m		2		
	Boron	ppm	ASTM D5185m		0		
The AN level is acceptable for this fluid. The condition of the oil is	Barium	ppm	ASTM D5185m		0		
suitable for further service.	Molybdenum	ppm	ASTM D5185m		0		
	Manganese	ppm	ASTM D5185m		0		
	Magnesium	ppm	ASTM D5185m		<1		
	Calcium	ppm	ASTM D5185m		23		
	Phosphorus	ppm	ASTM D5185m		237		
	Zinc	ppm	ASTM D5185m		272		
	Sulfur	ppm	ASTM D5185m		7626		
	Acid Number (AN)		ASTM D8045		0.35		
	Visc @ 40°C	cSt	ASTM D445		42.9		
	Visc @ 40 C	cSt	ASTM D445		6.7		
	Viscosity Index (VI)		ASTM D2270		109		
	viscosity illuex (VI)	Scale	ASTIVI DZZ/U		109		





Certificate L2367

Laboratory Sample No. Lab Number

: TR06222315 : 06222315 Unique Number : 11100512

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

Diagnosed Test Package : MOB 2 (Additional Tests: KV100, VI)

: 28 Jun 2024 : 28 Jun 2024 - Don Baldridge

: 27 Jun 2024

MCCULLOUGH CRUSHING INC 548 MCCULLOUGH HILL RD MIDDLESEX, VT US 05602

Contact: IAN MCCULLOUGH MCCULLOUGHCRUSHING@GMAIL.COM

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.

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

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