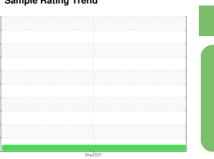


## **OIL ANALYSIS REPORT**

Sample Rating Trend







NUMBER 1
Component
Water
Fluid
{not provided} (--- LTR)

#### DIAGNOSIS

Machine Id

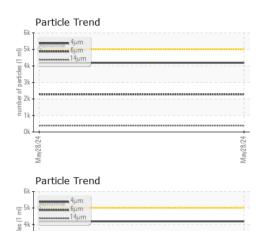
#### Recommendation

This is a baseline read-out on the submitted sample.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06197198		
Sample Date		Client Info		28 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		<1		
Lead	ppm	ASTM D5185m		0		
Copper	ppm	ASTM D5185m		0		
Tin	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		644		
Molybdenum	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		4		
Calcium	ppm	ASTM D5185m		11		
Phosphorus	ppm	ASTM D5185m		155		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		33		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		12		
Sodium	ppm	ASTM D5185m		89		
Potassium	ppm	ASTM D5185m	>20	39		
Chlorine	ppm	ASTM D5185m		2527		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	4185		
Particles >6µm		ASTM D7647	>1300	2280		
Particles >14µm		ASTM D7647	>160	388		
Particles >21µm		ASTM D7647	>40	131		
Particles >38µm		ASTM D7647	>10	20		
Particles >71µm		ASTM D7647	>3	2		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	19/18/16		



### **OIL ANALYSIS REPORT**



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	HAZY		
Odor	scalar	*Visual	NORML	NORML		
<b>Emulsified Water</b>	scalar	*Visual		NEG		
Free Water	scalar	*Visual		NEG		

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color		3		no image	no image
Bottom				no image	no image
CDADUC					

# Particle Count 491,520 122 880 20 8 number of particles (per 1 ml) 4406:1999 Cle 120





Certificate 12367

Laboratory

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 **Sample No.** : WC06197198 Lab Number : 06197198 Unique Number : 11059321

Received : 31 May 2024 Tested Diagnosed

: 03 Jun 2024 Test Package : TEST ( Additional Tests: ICP, PrtCount )

: 13 Jun 2024 - Doug Bogart

US 27596 Contact: CHRIS BARNES cbarnes@metalubeinc.com

T: (919)554-3024 F: (919)554-3023

To discuss this sample report, contact Customer Service at 1-800-237-1369. \* - 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) **METALUBE INC** 

56 CYPRESS DR

YOUNGSVILLE, NC