

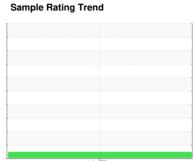
## **OIL ANALYSIS REPORT**



COLORADO/443 45.67L [COLORADO^443]

Front Differential

Fluid MOBIL MOBILFLUID 424 (-





### Recommendation

Resample at the next service interval to monitor.

Metal levels are typical for a new component breaking in.

## Contamination

There is no indication of any contamination in the

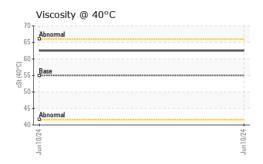
## **Fluid Condition**

The condition of the oil is acceptable for the time in

24 ( GAL)		L		Jun2024		
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0928678		
Sample Date		Client Info		10 Jun 2024		
Machine Age	hrs	Client Info		646		
Oil Age	hrs	Client Info		646		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATIO	Ν	method	limit/base	current	history1	history2
Water		WC Method	>.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>500	101		
Chromium	ppm	ASTM D5185m	>3	3		
Nickel	ppm	ASTM D5185m	>3	6		
Γitanium	ppm	ASTM D5185m	>2	<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>30	2		
_ead	ppm	ASTM D5185m	>13	<1		
Copper	ppm	ASTM D5185m	>103	16		
- in	ppm	ASTM D5185m	>5	1		
/anadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		121		
Barium	ppm	ASTM D5185m		0		
Nolybdenum	ppm	ASTM D5185m		1		
/langanese	ppm	ASTM D5185m		3		
/lagnesium	ppm	ASTM D5185m		9		
Calcium	ppm	ASTM D5185m		3420		
Phosphorus	ppm	ASTM D5185m		1115		
Zinc	ppm	ASTM D5185m		1469		
Sulfur	ppm	ASTM D5185m		4009		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>100	15		
Sodium	ppm	ASTM D5185m		16		
Potassium	ppm	ASTM D5185m	>20	2		
VISUAL		method	limit/base	current	history1	history2
Vhite Metal	scalar	*Visual	NONE	NONE		
ellow 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	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>.2	NEG		
ree Water	scalar	*Visual		NEG		

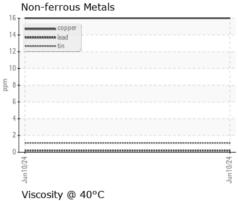


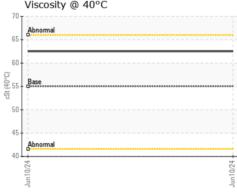
## **OIL ANALYSIS REPORT**



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	55	62.5		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS						

# Ferrous Alloys 110 100 90 70







Certificate 12367

Laboratory

**Sample No.** : WC0928678 Lab Number : 06208181 Unique Number : 11075642

Test Package : CONST

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

Received : 12 Jun 2024 Tested Diagnosed

: 14 Jun 2024 : 14 Jun 2024 - Don Baldridge

SHERWOOD CONSTRUCTION CO INC 3219 WEST MAY ST WICHITA, KS US 67213

Contact: BILL ORCUTT william.orcutt@wildcat.net

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)

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F: