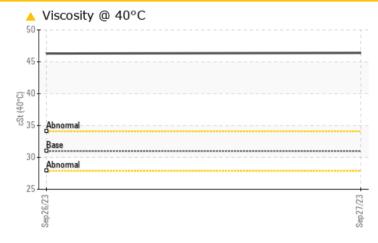


## COMPONENT CONDITION SUMMARY



#### RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS								
Sample Status				ATTENTION	ATTENTION			
Visc @ 40°C	cSt	ASTM D445	31.0	<b>46.4</b>	<b>46.3</b>			

Customer Id: MANTUL Sample No.: WC0836099 Lab Number: 06010159 Test Package: CONST



To manage this report scan the QR code

*To discuss the diagnosis or test data:* Don Baldridge +1 <u>don.b505@comcast.net</u>

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED ACTIONS						
Action	Status	Date	Done By	Description		
Change Fluid			?	Oil and filter change at the time of sampling has been noted.		
Change Filter			?	Oil and filter change at the time of sampling has been noted.		

## HISTORICAL DIAGNOSIS



## 26 Sep 2023 Diag: Don Baldridge

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within ISO 46 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid.





## **OIL ANALYSIS REPORT**

Sample Rating Trend



TULSA [18327] Cat D6N Component **Hydraulic System** 

## CONOCO MEGAFLOW AW 32 (--- GAL)

-				Sep2023	Sep2023		
DIAGNOSIS	SAMPLE INFORMA	TION	method	limit/base	current	history1	history2
A Recommendation	Sample Number		Client Info		WC0836099	WC0818788	
Oil and filter change at the time of sampling has	Sample Date		Client Info		27 Sep 2023	26 Sep 2023	
been noted. Resample at the next service interval	Machine Age h	nrs	Client Info		2675	2675	
to monitor.	Oil Age	nrs	Client Info		2675	2675	
Wear	Oil Changed		Client Info		Changed	Changed	
All component wear rates are normal.	Sample Status				ATTENTION	ATTENTION	
Contamination	CONTAMINATION		method	limit/base	current	history1	history2
The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.	Water		WC Method		NEG	NEG	
	WEAR METALS		method	limit/base	current	history1	history2
Viscosity of sample indicates oil is within ISO 46	lron p	opm	ASTM D5185m	>20	10	10	
range, advise investigate. Confirm oil type. The AN			ASTM D5185m	>10	1	1	
level is acceptable for this fluid.			ASTM D5185m		<1	0	
			ASTM D5185m		<1	<1	
			ASTM D5185m		<1	<1	
			ASTM D5185m	>10	4	4	
			ASTM D5185m		1	1	
	-		ASTM D5185m		14	14	
	Tin p	opm	ASTM D5185m	>10	<1	<1	
			ASTM D5185m		0	0	
	Cadmium p	opm	ASTM D5185m		<1	<1	
	ADDITIVES		method	limit/base	current	history1	history2
	Boron p	opm	ASTM D5185m	0	4	4	
			ASTM D5185m	0	0	0	
	Molybdenum p	opm	ASTM D5185m	0	4	4	
			ASTM D5185m		<1	<1	
		opm	ASTM D5185m	0	41	43	
			ASTM D5185m	80	368	468	
	Phosphorus p	opm	ASTM D5185m	365	566	579	
			ASTM D5185m	500	722	736	
	Sulfur p	opm	ASTM D5185m	1000	1573	1652	
	CONTAMINANTS		method	limit/base	current	history1	history2
	Silicon	opm	ASTM D5185m	>20	12	12	
			ASTM D5185m		0	0	
			ASTM D5185m	>20	0	0	
	FLUID CLEANLINE	SS	method	limit/base	current	history1	history2
	Particles >4µm		ASTM D7647	>5000	1597	4253	
	Particles >6µm		ASTM D7647		112	302	
	Particles >14µm		ASTM D7647		9	12	
	Particles >21µm		ASTM D7647		2	3	
	Particles >38µm		ASTM D7647		0	0	
	Particles >71µm		ASTM D7647		0	0	
	Oil Cleanliness		ISO 4406 (c)		18/14/10	19/15/11	
	FLUID DEGRADAT	ION	method	limit/base	current	history1	history2

mg KOH/g ASTM D8045 0.38

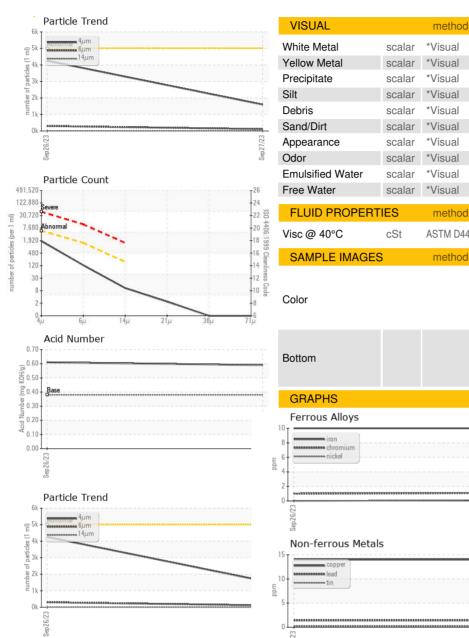
Acid Number (AN)

0.61 Submitted By: JAMES STEELMON

0.59



# **OIL ANALYSIS REPORT**



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zz 35

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Laboratory

Sample No.

Lab Number

Unique Number



limit/base

current

history1

history2

Certificate L2367

Submitted By: JAMES STEELMON

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