

## **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Ic 5000867 (S/N 500044097) Component

Hydraulic System TELLUS (--- QTS)

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

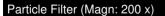
All component wear rates are normal.

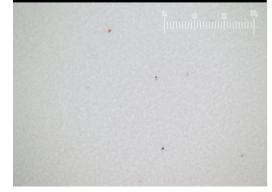
#### Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

### Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.







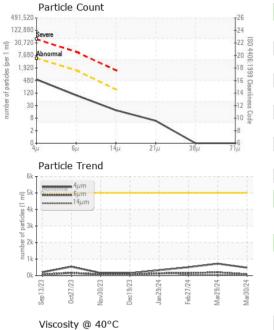
SAMPLE INFORM		method	limit/base		history1	history2
		Client Info	- mm/base	current PH0002579	PH0001313	PH0001311
Sample Number Sample Date		Client Info		30 Mar 2024	29 Mar 2024	27 Feb 2024
Machine Age	hrs	Client Info		0 Mai 2024	29 Mai 2024	27 Feb 2024 0
Oil Age	hrs	Client Info		0	0	0
Oil Changed	1115	Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
			12 12 11	-		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0	0	0
Chromium	ppm	ASTM D5185m	>20	<1	<1	0
Nickel	ppm	ASTM D5185m	>20	<1	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>20	3	3	0
Lead	ppm	ASTM D5185m	>20	<1	<1	0
Copper	ppm	ASTM D5185m	>20	6	6	4
Tin	ppm	ASTM D5185m	>20	<1	<1	0
Vanadium	ppm	ASTM D5185m		<1	<1	0
Cadmium	ppm	ASTM D5185m		<1	<1	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		2	<1	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		<1	<1	0
Calcium	ppm	ASTM D5185m		38	38	31
Phosphorus	ppm	ASTM D5185m		293	290	255
Zinc	ppm	ASTM D5185m		332	332	288
Sulfur	ppm	ASTM D5185m		752	755	674
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1	<1	0
Sodium	ppm	ASTM D5185m		0	0	<1
Potassium	ppm	ASTM D5185m	>20	1	<1	0
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	477	721	506
Particles >6µm		ASTM D7647	>1300	83	195	147
Particles >14µm		ASTM D7647	>160	16	28	21
Particles >21µm		ASTM D7647	>40	5	9	6
Particles >38µm		ASTM D7647	>10	0	1	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	16/14/11	17/15/12	16/14/12
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.31	0.29	0.27
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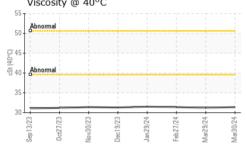
Report Id: WOOFORCO [WUSCAR] 06133200 (Generated: 04/03/2024 13:03:54) Rev: 1

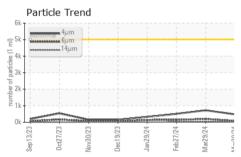
Contact/Location: ALMA TOVAR - WOOFORCO



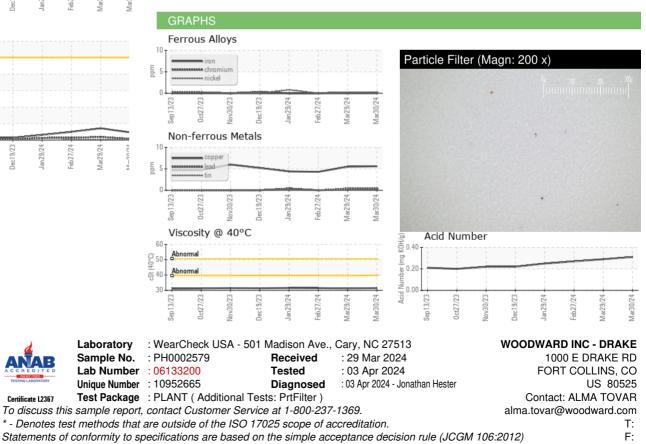
# **OIL ANALYSIS REPORT**







VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		31.4	31.2	31.4
SAMPLE IMAGES	\$	method	limit/base	current	history1	history2
Color						
Bottom						
PrtFilter						





Laboratory Sample No.

Contact/Location: ALMA TOVAR - WOOFORCO