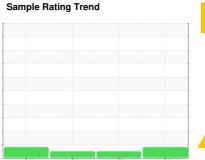


# **OIL ANALYSIS REPORT**



ISO

# TK253 - CAPITOL SUPPLY

**Hydraulic System** 

AW HYDRAULIC OIL ISO 32 (--- GAL)

## **DIAGNOSIS**

#### Recommendation

The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Please specify the component make and model with your next sample.

#### Wear

All component wear rates are normal.

#### Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

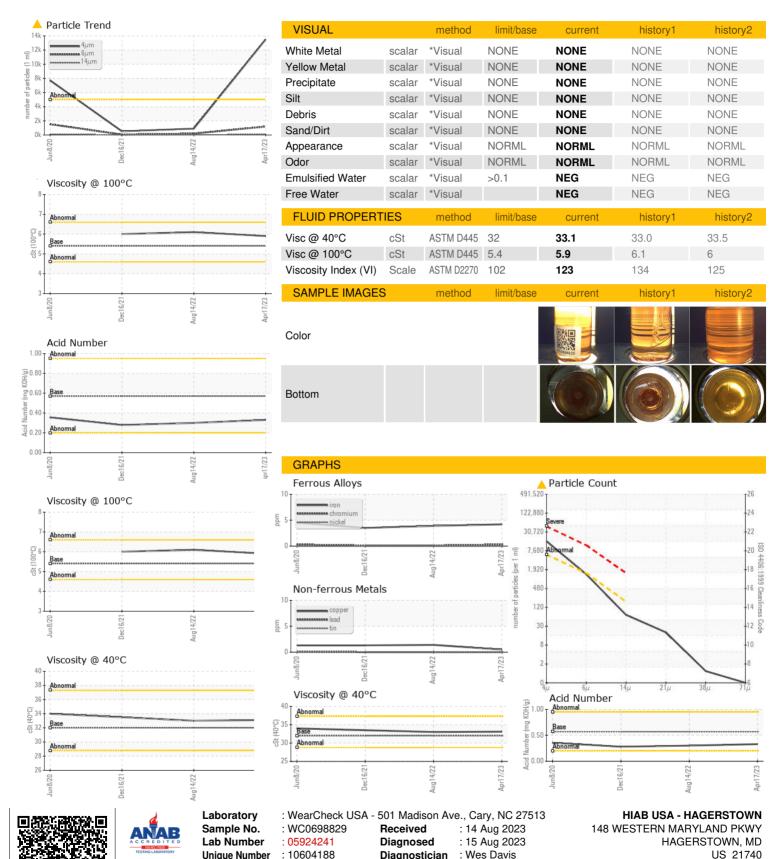
### **Fluid Condition**

The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

		Jun 202	0 Dec2021	Aug2022 A	pr2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0698829	WC0679391	WC0581559
Sample Date		Client Info		17 Apr 2023	14 Aug 2022	16 Dec 2021
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	N/A	N/A
Sample Status				ABNORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	4	4	4
Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	0	<1	0
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>75	<1	1	1
Tin	ppm	ASTM D5185m	>10	0	0	0
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5	0	1	5
Barium	ppm	ASTM D5185m	5	0	0	0
Molybdenum	ppm	ASTM D5185m	5	0	<1	<1
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m	25	31	35	34
Calcium	ppm	ASTM D5185m	200	86	82	82
Phosphorus	ppm	ASTM D5185m	300	344	351	318
Zinc	ppm	ASTM D5185m	370	401	422	386
Sulfur	ppm	ASTM D5185m	2500	4109	3959	3120
CONTAMINANTS	<b>;</b>	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	<1	<1	<1
Sodium	ppm	ASTM D5185m		<1	1	1
Potassium	ppm	ASTM D5185m	>20	0	0	0
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	<b>13509</b>	902	518
Particles >6µm		ASTM D7647	>1300	1199	191	54
Particles >14µm		ASTM D7647	>160	61	24	7
1 αποίου > 1 τμπ			40			4
· ·		ASTM D7647	>40	17	9	1
Particles >21µm		ASTM D7647 ASTM D7647	>40	17 1	0	0
· ·			>10			
Particles >21μm Particles >38μm		ASTM D7647	>10	1	0	0
Particles >21µm Particles >38µm Particles >71µm	ATION	ASTM D7647 ASTM D7647	>10 >3	1 0	0	0



## **OIL ANALYSIS REPORT**

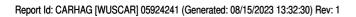


: MOB 2 ( Additional Tests: KV100, VI )

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

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.



Certificate L2367

Test Package

T: (240)625-0045

F: (301)797-7284

Contact: CHUCK WISHARD

CHUCK.WISHARD@HIAB.COM