

PROBLEM SUMMARY

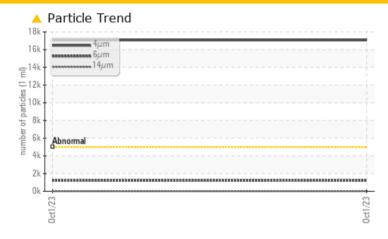
PLANT 7 AHS SLT

Component 1 Hydraulic System

COMMERCIAL OIL LUBRIKO AW 46 (100 LTR)

Sample Rating Trend **VISUAL METAL**

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We advise that you check all areas where contaminants can enter the system. We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the component make and model with your next sample. We suspect that the abnormal contaminant(s) is the result of incorrect sampling technique. DISCLAIMER: Interpretation of results is based on the sample as received from the customer. The condition of the sample and the method of sampling cannot be verified.

PROBLEMATIC TEST RESULTS							
Sample Status				ABNORMAL			
Particles >4µm		ASTM D7647	>5000	17061			
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u> </u>			
White Metal	scalar	Visual*	NONE	▲ VLITE			
Debris	scalar	Visual*	NONE	▲ VLITE			
PrtFilter					no image	no image	

Customer Id: TAYSTO Sample No.: WC0754607 Lab Number: 02590007 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Kevin Marson +1 (289)291-4644 x4644 Kevin.Marson@wearcheck.com

To change component or sample information: Gloria Gonzalez +1 (289)291-4643 x4643 gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS						
Action	Status	Date	Done By	Description		
Change Filter			?	We recommend you service the filters on this component.		
Resample			?	We recommend an early resample to monitor this condition.		
Alert			?	We suspect that the abnormal contaminant(s) is the result of incorrect sampling technique. DISCLAIMER: Interpretation of results is based on the sample as received from the customer. The condition of the sample and the method of sampling cannot be verified.		
Information Required			?	Please specify the component make and model with your next sample.		
Check Dirt Access			?	We advise that you check all areas where contaminants can enter the system.		

HISTORICAL DIAGNOSIS

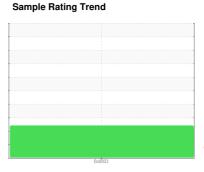


OIL ANALYSIS REPORT

PLANT 7 **AHS SLT**

1 Hydraulic System

COMMERCIAL OIL LUBRIKO AW 46 (100 LTR)



current

WC0754607

01 Oct 2023

Not Changd

ABNORMAL

1

0

0

0

<1

0

<1

8

0

0

0

current

0

limit/base

limit/base



history2

history1

DIAGNOSIS

Recommendation

We advise that you check all areas where contaminants can enter the system. We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the component make and model with your next sample. We suspect that the abnormal contaminant(s) is the result of incorrect sampling technique. DISCLAIMER: Interpretation of results is based on the sample as received from the customer. The condition of the sample and the method of sampling

Wear

Light concentration of visible metal present.

Contamination

cannot be verified.

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. Light concentration of visible dirt/debris present in the oil.

Fluid Condition

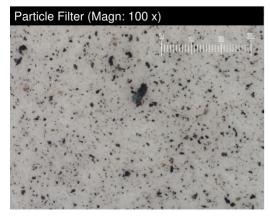
The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Sample Number		Client Info	
Sample Date		Client Info	
Machine Age	hrs	Client Info	
Oil Age	hrs	Client Info	
Oil Changed		Client Info	
Sample Status			
WEAR METALS		method	limi
Iron	ppm	ASTM D5185(m)	>20
Chromium	ppm	ASTM D5185(m)	>10
Nickel	ppm	ASTM D5185(m)	>10
Titanium	ppm	ASTM D5185(m)	
Silver	ppm	ASTM D5185(m)	
Aluminum	ppm	ASTM D5185(m)	>10
Lead	ppm	ASTM D5185(m)	>10
Copper	ppm	ASTM D5185(m)	>75
Tin	ppm	ASTM D5185(m)	>10
Antimony	ppm	ASTM D5185(m)	
Vanadium	ppm	ASTM D5185(m)	
Beryllium	ppm	ASTM D5185(m)	
Cadmium	ppm	ASTM D5185(m)	

SAMPLE INFORMATION

method

Beryllium	ppm	ASTM D5185(m)		U		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		0		
Barium	ppm	ASTM D5185(m)		<1		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)		<1		
Calcium	ppm	ASTM D5185(m)		42		
Phosphorus	ppm	ASTM D5185(m)		294		
Zinc	ppm	ASTM D5185(m)		357		
Sulfur	ppm	ASTM D5185(m)		1287		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	0		



Sodium	ppm	ASTM D5185(m)		<1		
Potassium	ppm	ASTM D5185(m)	>20	0		
FLUID CLEANLINE	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	<u> </u>		
Particles >6µm		ASTM D7647	>1300	1216		
Particles >14μm		ASTM D7647	>160	4		
Particles >21µm		ASTM D7647	>40	2		
Particles >38μm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u>^</u> 21/17/9		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2

mg KOH/g ASTM D974*

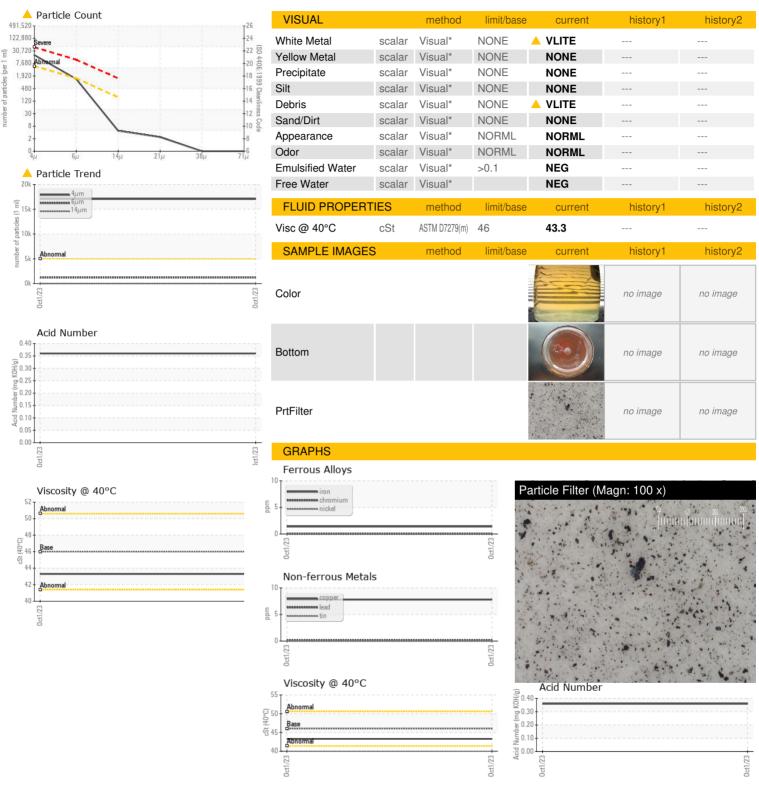
0.36

Acid Number (AN)

Submitted By: Matthew Fischer



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number **Unique Number**

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : WC0754607

: 02590007 : 5659073

Received : 18 Oct 2023 Diagnosed

: 20 Oct 2023 Diagnostician : Kevin Marson

STONEY CREEK, ON Test Package : IND 2 (Additional Tests: Bottom, BottomAnalysis, FilterPatch, PrtFilter)Contact: George Campanaro

gcampanaro@taylorsteel.com T: (905)662-4925

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

F: (905)662-4928

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