

PROBLEM SUMMARY

Sample Rating Trend

ISO

Machine Id

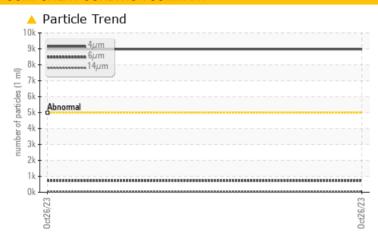
AF12-130-1585-5000 FLAKER 5 HYDRAULIC UNIT

Component

Hydraulic System

MOBIL DTE 10 EXCEL 46 (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

PROBLEMATIC TEST RESULTS								
Sample Status			ATTENTION					
Particles >4µm	ASTM D7647	>5000	<u> </u>					
Oil Cleanliness	ISO 4406 (c)	\19/17/14	A 20/17/12					

Customer Id: ARAGRAUS Sample No.: WC0824133 Lab Number: 05996687 Test Package: PLANT



To manage this report scan the QR code

To discuss the diagnosis or test data: Wes Davis +1 905-569-8600 x223 wesd@wearcheck.ca

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 Filter			?	We recommend you service the filters on this component.		
Information Required			?	NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.		

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

ISO

Machine Id

AF12-130-1585-5000 FLAKER 5 HYDRAULIC UNIT

Component

Hydraulic System

MOBIL DTE 10 EXCEL 46 (--- GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

All component wear rates are normal.

Contamination

There is a light amount of silt (particulates < 14 microns in size) present in the oil. The water content is negligible.

Fluid Condition

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

				Oct2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0824133		
Sample Date		Client Info		26 Oct 2023		
Machine Age	mths	Client Info		66		
Oil Age	mths	Client Info		6		
Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		16		
ron	ppm	ASTM D5185m	>20	4		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	<1		
_ead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>20	2		
Tin	ppm	ASTM D5185m	>20	0		
/anadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		3		
Calcium	ppm	ASTM D5185m		96		
Phosphorus	ppm	ASTM D5185m		345		
Zinc	ppm	ASTM D5185m		298		
Sulfur	ppm	ASTM D5185m		2545		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	2		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	2		
Nater	%	ASTM D6304	>0.05	0.006		
opm Water	ppm	ASTM D6304	>500	65.9		
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	<u> </u>		
Particles >6µm		ASTM D7647	>1300	722		
Particles >14µm		ASTM D7647	>160	34		
Particles >21µm		ASTM D7647	>40	9		
Particles >38µm		ASTM D7647	>10	1		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u>^</u> 20/17/12		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2

0.24



OIL ANALYSIS REPORT





Certificate L2367

Sample No. Lab Number **Unique Number**

: WC0824133 : 05996687 : 10725047 Test Package : PLANT

: 02 Nov 2023 Received Diagnosed : 03 Nov 2023

: Wes Davis Diagnostician

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)

5851 ARAUCO ROAD GRAYLING, MI

US 49738 Contact: JOSEPH GREEN

joseph.green@arauco.com

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