





WEAR

RECOMMENDATION

JEA

Component Lube System

Flui

We recommend you service the filters on this component. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	ATTENTION	NORMAL
Copper	ppm	ASTM D5185(m)	>20	<u> </u>	<u> </u>	19
Particles >4µm		ASTM D7647	>5000	^ 7685	407	144
Particles >6µm		ASTM D7647	>1300	<u> </u>	145	27
Oil Cleanliness		ISO 4406 (c)	>19/17/14	A 20/18/14	16/14/12	14/12/9

Customer Id: INT540HAR Sample No.: WC0805004 Lab Number: 02576428 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 ACT	ECOMMENDED ACTIONS					
Action	Status	Date	Done By	Description		
Change Filter			?	We recommend you service the filters on this component.		

HISTORICAL DIAGNOSIS

WEAR

Resample at the next service interval to monitor.Copper ppm levels are noted. All other component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



view report

14 Sep 2022 Diag: Kevin Marson

01 Mar 2023 Diag: Kevin Marson





Resample at the next service interval to monitor.All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

16 Feb 2022 Diag: Kevin Marson

Resample at the next service interval to monitor.All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.









OIL ANALYSIS REPORT

Area Clandonald station Machine Id SULZER MP-02 CLAF LUBE SKID

Lube System

ROYAL PURPLE SYNFILM GT 46 (205 LTR)

DIAGNOSIS

A Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

📥 Wear

Copper ppm levels are noted. All other component wear rates are normal.

Contamination

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

Fluid Condition

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

)		Sep2017 Fe	62018 Apr2019 Mar	2020 Mar2021 Feb2022	Mar2023	
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0805004	WC0729592	WC0729598
Sample Date		Client Info		11 Aug 2023	01 Mar 2023	14 Sep 2022
Machine Age	hrs	Client Info		46500	42500	0
Oil Age	hrs	Client Info		46500	42500	38500
Oil Changed		Client Info		N/A	N/A	Not Changd
Sample Status				ATTENTION	ATTENTION	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	<1	<1	<1
Chromium	ppm	ASTM D5185(m)	>10	0	0	0
Nickel	ppm	ASTM D5185(m)	>10	0	<1	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>10	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>20	4	4	3
Copper	ppm	ASTM D5185(m)	>20	<u> </u>	A 23	19
Tin	ppm	ASTM D5185(m)	>10	1	1	<1
Antimony	ppm	ASTM D5185(m)		0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	0	<1	0	0
Barium	ppm	ASTM D5185(m)	0	0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0	0	0
Manganese	ppm	ASTM D5185(m)		0	0	0
Magnesium	ppm	ASTM D5185(m)	95	74	77	74
Calcium	ppm	ASTM D5185(m)	0	3	0	2
Phosphorus	ppm	ASTM D5185(m)	0	76	77	84
Zinc	ppm	ASTM D5185(m)	0	4	2	2
Sulfur	ppm	ASTM D5185(m)	15000	14838	14920	14856
Lithium	ppm	ASTM D5185(m)		<1	<1	<1
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	1	1	2
Sodium	ppm	ASTM D5185(m)		2	1	2
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	0
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	A 7685	407	144
Particles >6µm		ASTM D7647	>1300	<u> </u>	145	27
Particles >14µm		ASTM D7647	>160	96	24	3
Particles >21µm		ASTM D7647	>40	12	8	1
Particles >38µm		ASTM D7647	>10	0	2	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	20/18/14	16/14/12	14/12/9
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	ma KOH/a	ASTM D974*		0.37	0.29	0.50

Sample Rating Trend

Report Id: INT540HAR [WCAMIS] 02576428 (Generated: 08/18/2023 12:59:48) Rev: 1

Submitted By: Austin Wilson

WEAR



OIL ANALYSIS REPORT











ISO 17025:2017 Accredited

Laboratory



Bottom



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.

Submitted By: Austin Wilson Page 4 of 4

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