

OIL ANALYSIS REPORT

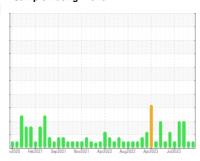
VSIS REPORT Sample Rating Trend

Acid Number (AN) mg KOH/g ASTM D8045 0.57

NAT CUTS [98465234 AFTER] Machine Id LINE 12 CUBER

Component **Hydraulic System**

AW HYDRAULIC OIL ISO 46 (--- GAL)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

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

Fluid Condition

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

SAMPLE INFORM	MATION		limit/base	Aprž022 Augž022 Aprž023 J CUrrent	history1	history2
Sample Number	VII (TIOI)	Client Info	mmbacco	PCA0094578	PCA0094579	PCA0101637
Sample Date		Client Info		05 Oct 2023	02 Oct 2023	30 Aug 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	4	4	3
Chromium	ppm	ASTM D5185m	>20	<1	<1	<1
Nickel	ppm	ASTM D5185m	>20	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>20	0	0	1
Lead	ppm	ASTM D5185m	>20	0	0	<1
Copper	ppm	ASTM D5185m	>20	6	6	6
Tin	ppm	ASTM D5185m	>20	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5	0	0	0
Barium	ppm	ASTM D5185m	5	0	0	0
Molybdenum	ppm	ASTM D5185m	5	0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	25	<1	0	0
Calcium	ppm	ASTM D5185m	200	0	0	0
Phosphorus	ppm	ASTM D5185m	300	289	286	273
Zinc	ppm	ASTM D5185m	370	11	5	6
Sulfur	ppm	ASTM D5185m	2500	559	553	583
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	3	3	3
Sodium	ppm	ASTM D5185m		0	0	<1
Potassium	ppm	ASTM D5185m	>20	0	0	0
FLUID CLEANL	INESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	196	2568	<u>▲</u> 12094
Particles >6µm		ASTM D7647	>1300	70	286	<u></u> 5113
Particles >14μm		ASTM D7647	>320	10	8	▲ 462
Particles >21μm		ASTM D7647	>80	2	3	<u></u> 86
Particles >38μm		ASTM D7647	>20	1	1	1
Particles >71μm		ASTM D7647	>4	0	0	1
Oil Cleanliness		ISO 4406 (c)	>19/17/15	15/13/10	19/15/10	<u>\$\text{21/20/16}\$</u>
FLUID DEGRAD	OATION	method	limit/base	current	history1	history2

0.18

0.19

0.17



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Certificate L2367

Laboratory Sample No.

Lab Number **Unique Number**

: 05977048 : 10688998 Test Package : IND 2

50 (0-0+)

SS

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 12 Oct 2023 : PCA0094578

Diagnosed : 15 Oct 2023 Diagnostician : Don Baldridge

€0.60 를 0.40

≥ 0.20 00.00 PG

KraftHeinz - Springfield - Plant 8311 PCA

2035 E BENNETT SPRINGFIELD, MO US 65804

Contact: Service Manager

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)

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