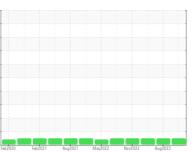


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



B44379 - COLUMBIA PALLETIZER

Component

Hydraulic System

PETRO CANADA PURITY FG AW HYDRAULIC 46 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the component make and model with your next sample.

Wear

All component wear rates are normal.

Contamination

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

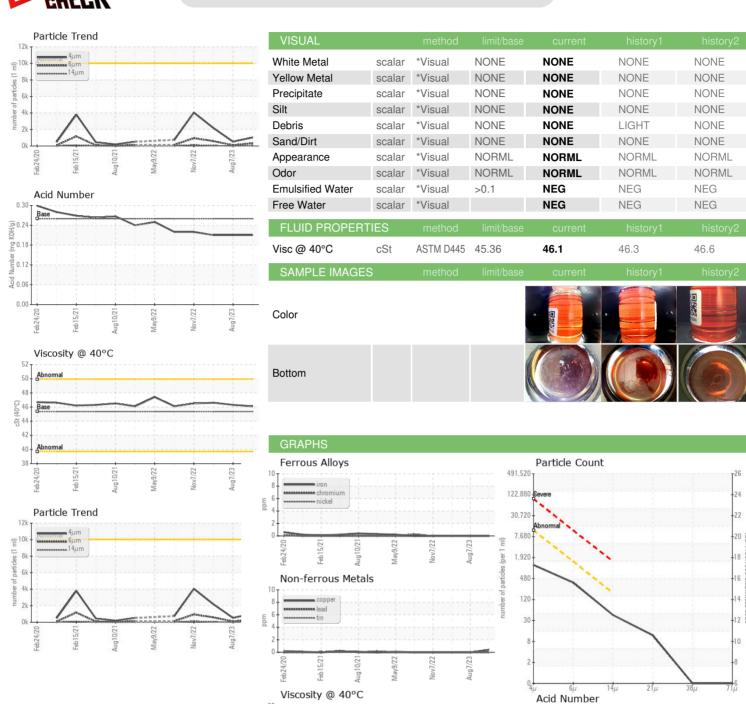
Fluid Condition

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

LIC 46 (GAL)		Feb2020	Feb 2021 Aug 2021	May2022 Nov2022 As	192023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0866711	WC0820519	WC0765540
Sample Date		Client Info		06 Nov 2023	07 Aug 2023	07 Feb 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	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0	0	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
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	0	0
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>75	<1	0	0
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	1	2
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m		0	<1	<1
Calcium	ppm	ASTM D5185m		0	0	2
Phosphorus	ppm	ASTM D5185m		473	424	416
Zinc	ppm	ASTM D5185m		2	2	5
Sulfur	ppm	ASTM D5185m		555	541	517
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	7	7	6
Sodium	ppm	ASTM D5185m		<1	0	0
Potassium	ppm	ASTM D5185m	>20	0	<1	<1
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	1033	513	2173
Particles >6µm		ASTM D7647	>1300	322	93	576
Particles >14μm		ASTM D7647	>160	38	8	45
Particles >21µm		ASTM D7647	>40	10	3	10
Particles >38μm		ASTM D7647	>10	0	0	1
Particles >71μm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/17/14	17/16/12	16/14/10	18/16/13
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
	mg KOH/g	ASTM D8045		0.21	0.21	0.21



OIL ANALYSIS REPORT







Certificate L2367

Laboratory

Sample No. Lab Number **Unique Number**

: 06008281 : 10742043 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 15 Nov 2023 : WC0866711 Received

Mav9/22

Diagnosed : 16 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)

Feb15/21

Aug10/21

Rochelle Foods - PRE

1001 South Main, P.O. Box 45

Rochelle, IL US 61068

Contact: JAMES ROBINSON III

jrobinson3@hormel.com T:

F: (815)562-4147

(B) 0.30 W 0.24 Ë 0.18 흔 0.12 . 0.06 0.00 kg

Aug7/23

Nov7/22