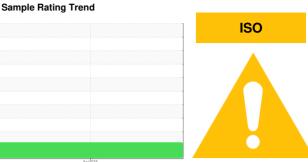


OIL ANALYSIS REPORT



CAMERON [200004662] F-40 (S/N 22221) Brake

{not provided} (--- LTR)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

All component wear rates are normal.

Contamination

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

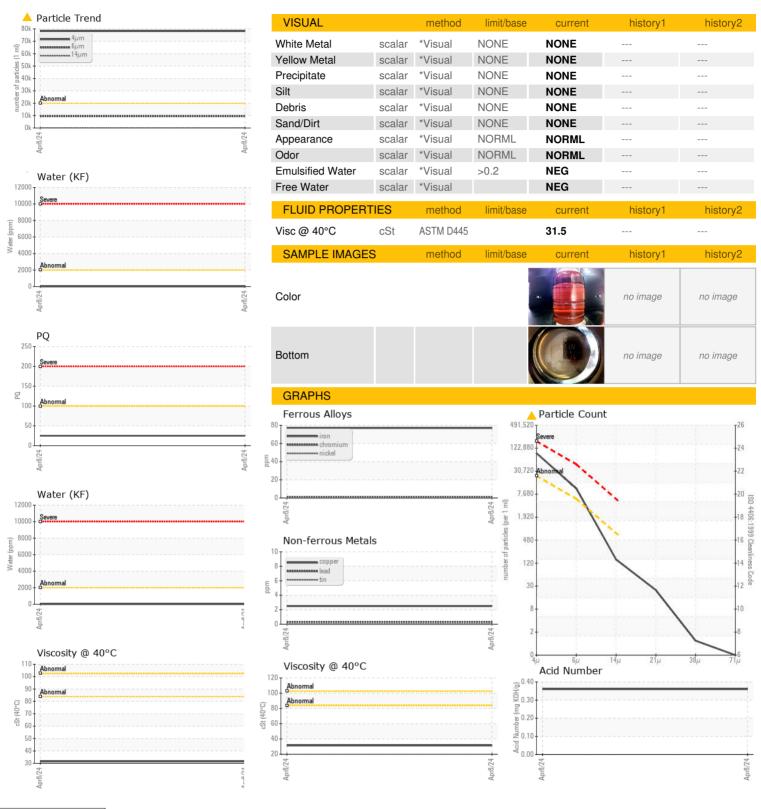
Fluid Condition

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

				Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		NX015429		
Sample Date		Client Info		08 Apr 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		25		
Iron	ppm	ASTM D5185m	>350	77		
Chromium	ppm	ASTM D5185m	>5	<1		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>8	0		
Lead	ppm	ASTM D5185m	>10	<1		
Copper	ppm	ASTM D5185m	>150	2		
Tin	ppm	ASTM D5185m	>5	0		
Vanadium	ppm	ASTM D5185m	, •	0		
Cadmium	ppm	ASTM D5185m		0		
	le le			-		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		23		
Calcium	ppm	ASTM D5185m		19		
Phosphorus	ppm	ASTM D5185m		286		
Zinc	ppm	ASTM D5185m		278		
Sulfur	ppm	ASTM D5185m		8194		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>400	3		
Sodium	ppm	ASTM D5185m		4		
Potassium	ppm	ASTM D5185m	>20	1		
Water	%	ASTM D6304	>0.2	0.001		
ppm Water	ppm	ASTM D6304	>2000	12		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	▲ 78207		
Particles >6µm		ASTM D7647	>5000	9431		
Particles >14µm		ASTM D7647	>640	132		
Particles >21µm		ASTM D7647	>160	21		
		7.01111 07017				
Particles >38μm		ASTM D7647	>40	1		
Particles >38μm Particles >71μm				1		
		ASTM D7647	>40			



OIL ANALYSIS REPORT





Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : NX015429 Lab Number

: 06153123 Unique Number : 10983201

Received **Tested** Diagnosed

: 18 Apr 2024 : 19 Apr 2024 : 22 Apr 2024 - Don Baldridge

300 SOUTH WACKER DRIVE, SUITE 1500

CHICAGO, IL US 60606 Contact: DEVIN LINEHAN

NORDEX USA - Chicago

Test Package : IND 2 (Additional Tests: KF, PQ, PrtCount) Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. st - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

DLinehan@nordex-online.com T: (312)386-4124 F: (312)386-7102

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Report Id: NORDEX [WUSCAR] 06153123 (Generated: 04/22/2024 17:12:19) Rev: 1

Contact/Location: DEVIN LINEHAN - NORDEX