

OIL ANALYSIS REPORT

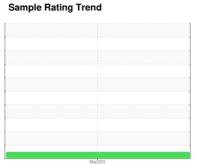
NORMAL

Area

INDIANA CROSSROADS II [200008339] T11 (S/N W-124691)

Hydraulic System

HYDRAULIC OIL FG ISO 32 (--- LTR)





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.

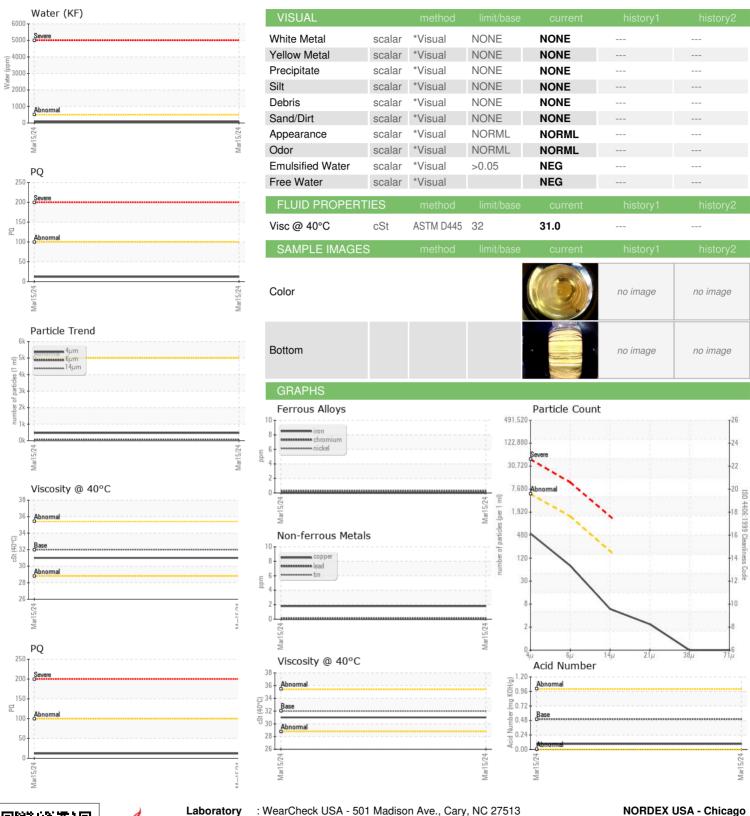
Fluid Condition

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

				Mar2024		
				MOLLOLT		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		NX06151096		
Sample Date		Client Info		15 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		12		
Iron	ppm	ASTM D5185m	>20	0		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	<1		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>20	2		
Tin	ppm	ASTM D5185m	>20	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5	0		
Barium	ppm	ASTM D5185m	5	0		
Molybdenum	ppm	ASTM D5185m	5	0		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m	5	1		
Calcium	ppm	ASTM D5185m	12	3		
Phosphorus	ppm	ASTM D5185m	400	623		
Zinc	ppm	ASTM D5185m	12	16		
Sulfur	ppm	ASTM D5185m	650	714		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	2		
Water	%	ASTM D6304	>0.05	0.008		
ppm Water	ppm	ASTM D6304	>500	82		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	465		
Particles >6µm		ASTM D7647	>1300	67		
Particles >14µm		ASTM D7647	>160	5		
Particles >21µm		ASTM D7647	>40	2		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	16/13/10		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2



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Certificate 12367

Laboratory Sample No. Lab Number

: NX06151096 : 06151096

Test Package : IND 2 (Additional Tests: KF, PQ)

Received **Tested** Unique Number : 10981174 Diagnosed

: 16 Apr 2024 : 17 Apr 2024 : 19 Apr 2024 - Don Baldridge

300 SOUTH WACKER DRIVE, SUITE 1500

CHICAGO, IL US 60606 Contact: DEVIN LINEHAN

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

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.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (312)386-7102 Contact/Location: DEVIN LINEHAN - NORDEX