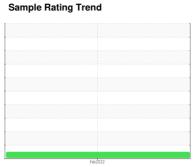


OIL ANALYSIS REPORT

EAST CAMPUS HWY 30 [DRAIN SAMPLE] CINN 3 PRESS (S/N 56414)

Hydraulic System

AW HYDRAULIC OIL ISO 32 (150 GAL)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

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

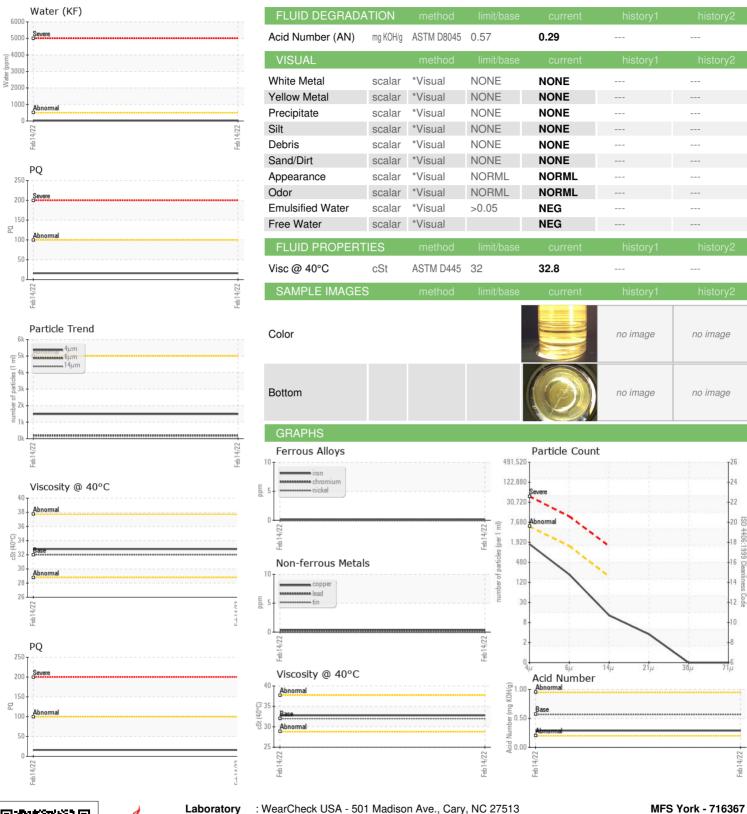
Fluid Condition

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

				Feb 2022		
SAMPLE INFORM	/ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		SBP0000272		
Sample Date	la usa	Client Info		14 Feb 2022		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0 Nat Obassal		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		16		
Iron	ppm	ASTM D5185m	>20	<1		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>20	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>20	0		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>20	<1		
Tin	ppm	ASTM D5185m	>20	0		
Antimony	ppm	ASTM D5185m		0		
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		0		
Magnesium	ppm	ASTM D5185m	25	0		
Calcium	ppm	ASTM D5185m	200	59		
Phosphorus	ppm	ASTM D5185m	300	340		
Zinc	ppm	ASTM D5185m	370	417		
Sulfur	ppm	ASTM D5185m	2500	760		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304	>0.05	0.002		
ppm Water	ppm	ASTM D6304	>500	19.2		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	1488		
Particles >6μm		ASTM D7647	>1300	184		
Particles >0μm		ASTM D7647	>160	11		
Particles >14µm		ASTM D7647	>40	3		
Particles >38µm		ASTM D7647	>40	0		
Particles >30µm		ASTM D7647	>10	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	18/15/11		
Oil Glearilliess		13U 44U0 (C)	>15/1//14	10/13/11		



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No. Lab Number

Test Package : PLANT

: SBP0000272

: 05474489

Unique Number : 9863703

Received : 22 Feb 2022 **Tested**

: 23 Feb 2022 Diagnosed

: 23 Feb 2022 - Jonathan Hester

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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