

OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id
693
Component
Hydraulic System
Fluid
{not provided} (--- GAL)

DIAGNOSIS

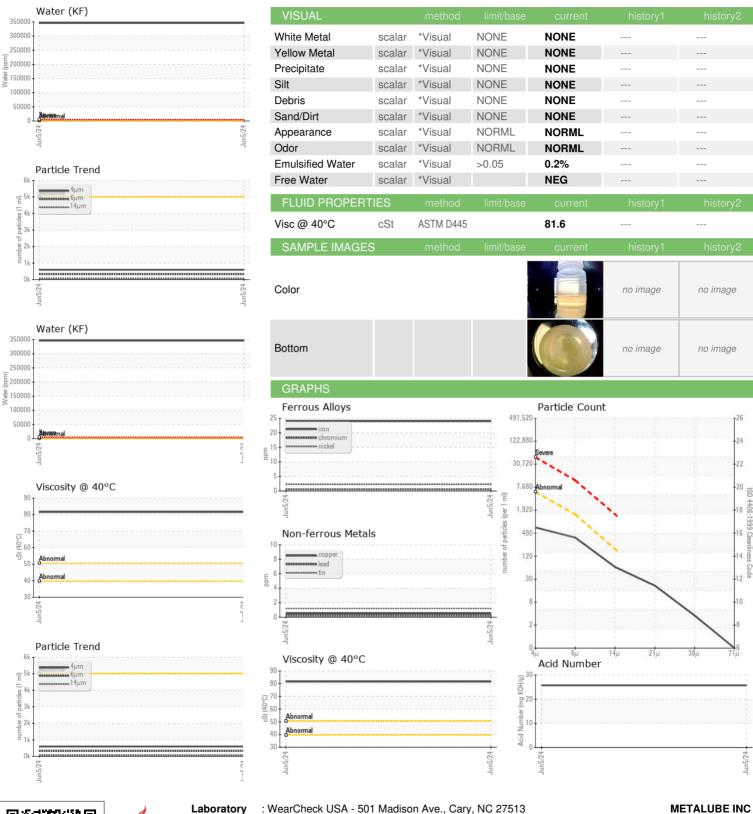
Recommendation

This is a baseline read-out on the submitted sample. Chlorine 87.1 ppm.

				Jun 2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06202697		
Sample Date		Client Info		05 Jun 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
Iron	ppm	ASTM D5185m	>20	24		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	2		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	5		
Lead	ppm	ASTM D5185m	>20	<1		
Copper	ppm	ASTM D5185m		<1		
Coppei Tin	ppm	ASTM D5185m	>20	1		
Vanadium		ASTM D5185m	<i>></i> 20	ı <1		
	ppm			2		
Cadmium	ppm	ASTM D5185m		_		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		434		
Barium	ppm	ASTM D5185m		4		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		4		
Magnesium	ppm	ASTM D5185m		6		
Calcium	ppm	ASTM D5185m		39		
Phosphorus	ppm	ASTM D5185m		379		
Zinc	ppm	ASTM D5185m		59		
Sulfur	ppm	ASTM D5185m		33		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	53		
Sodium	ppm	ASTM D5185m		10		
Potassium	ppm	ASTM D5185m	>20	7		
Chlorine Content	ppm	ASTM D5185m		87.1		
Water	%	ASTM D6304	>0.05	34.6		
ppm Water	ppm	ASTM D6304	>500	346000		
FLUID CLEANLI		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	592		
Particles >6µm		ASTM D7647	>1300	322		
Particles >14µm		ASTM D7647	>160	55		
Particles >21µm		ASTM D7647	>40	18		
Particles >38µm		ASTM D7647	>10	3		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	16/16/13		
FLUID DEGRAD	ATION_	method	limit/base	current	history1	history2



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Certificate 12367

Laboratory Sample No.

: WC06202697 Lab Number : 06202697 Unique Number : 11070158

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 07 Jun 2024 **Tested** : 14 Jun 2024 Diagnosed : 14 Jun 2024 - Doug Bogart

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

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