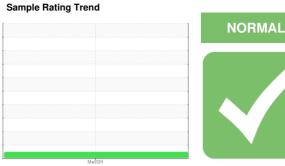


OIL ANALYSIS REPORT





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

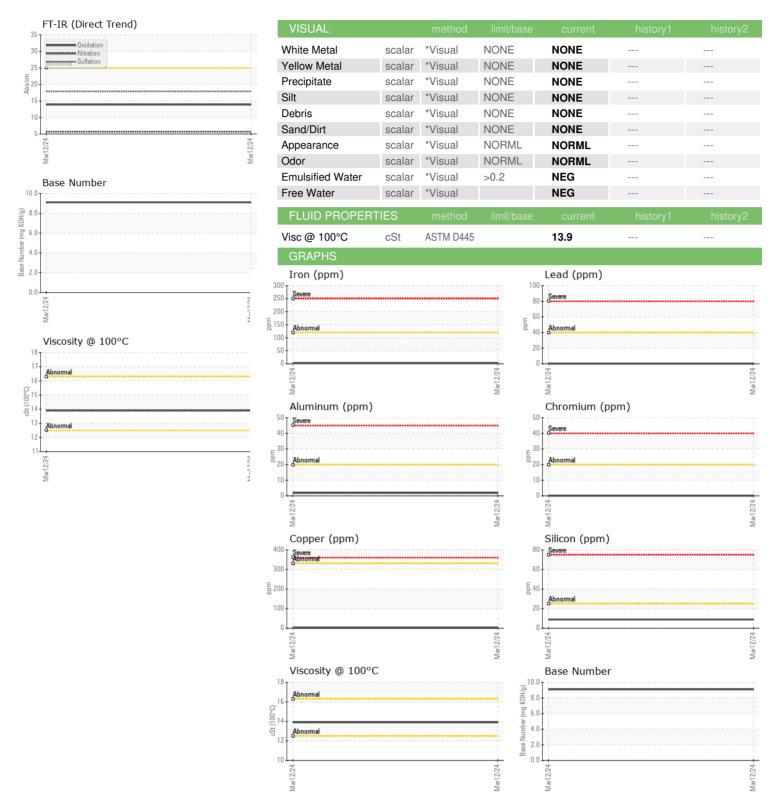
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

_)				Mar2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0906091		
Sample Date		Client Info		12 Mar 2024		
Machine Age	mls	Client Info		564366		
Oil Age	mls	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>120	3		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m	>2	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m		2		
Lead	ppm	ASTM D5185m	>40	0		
Copper	ppm	ASTM D5185m		2		
Tin	ppm	ASTM D5185m	>15	0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		62		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		1063		
Calcium	ppm	ASTM D5185m		1173		
Phosphorus	ppm	ASTM D5185m		1132		
Zinc Sulfur	ppm	ASTM D5185m ASTM D5185m		1331 3993		
CONTAMINANTS	• •	method	limit/base	current	history1	history2
Silicon		ASTM D5185m	>25	9		
Sodium	ppm	ASTM D5185m	>118	s <1		
Potassium	ppm	ASTM D5185m	>20	0		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>4	0.2		
Nitration	Abs/cm	*ASTM D7624	>20	5.7		
Sulfation	Abs/.1mm	*ASTM D7415		17.9		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	13.9		
Base Number (BN)	mg KOH/g	ASTM D2896		9.1		



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0906091 Lab Number : 06142751

Unique Number : 10967559 Test Package : MOB 1 (Additional Tests: TBN)

Received : 09 Apr 2024 **Tested** Diagnosed

: 09 Apr 2024 : 09 Apr 2024 - Wes Davis

US 28301 Contact: BRYAN VANNIMAN bryanvanniman@fayblock.com T: (800)326-9198

CONCRETE SERVICE CO - FAY BLOCK

161 BUILDERS BLVD

FAYETTEVILLE, NC

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)