

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

OSHKOSH 4420

Component

Diesel Engine

DIESEL ENGINE OIL SAE 15W40 (--- GAL)

Recommendation

Resample at the next service interval to monitor.

Metal levels are typical for a new component breaking in.

Contamination

There is no indication of any contamination in the

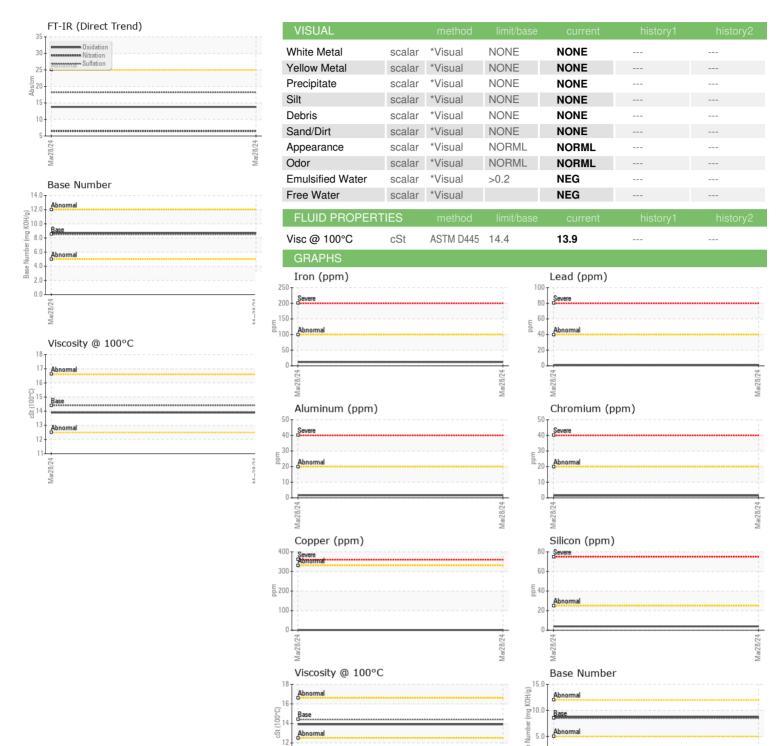
Fluid Condition

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		WC0917282		
Sample Date		Client Info		28 Mar 2024		
Machine Age	mls	Client Info		12448		
Oil Age	mls	Client Info		0		
Oil Changed	11110	Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	12		
Chromium	ppm	ASTM D5185m	>20	1		
Nickel	ppm	ASTM D5185m	>4	1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>3	<1		
Aluminum	ppm	ASTM D5185m	>20	2		
Lead	ppm	ASTM D5185m	>40	1		
Copper	ppm	ASTM D5185m	>330	1		
Tin	ppm	ASTM D5185m	>15	1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	250	3		
Barium	ppm	ASTM D5185m	10	0		
Molybdenum	ppm	ASTM D5185m	100	50		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m	450	799		
Calcium	ppm		3000	921		
Phosphorus	ppm	ASTM D5185m	1150	1012		
Zinc	ppm	ASTM D5185m	1350	1058		
Sulfur	ppm	ASTM D5185m	4250	3272		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4		
Sodium	ppm	ASTM D5185m	>158	2		
Potassium	ppm	ASTM D5185m	>20	2		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.4		
Nitration	Abs/cm	*ASTM D7624	>20	6.5		
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.2		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	13.8		
Base Number (BN)	mg KOH/g	ASTM D2896	8.5	8.7		



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Laboratory Sample No.

Lab Number : 06152778

: WC0917282 Unique Number : 10982856

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested**

: 18 Apr 2024 : 18 Apr 2024 Diagnosed

: 18 Apr 2024 - Wes Davis

0.0

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

161 BUILDERS BLVD

FAYETTEVILLE, NC

CONCRETE SERVICE CO - FAY BLOCK

Certificate 12367

Test Package : MOB 1 (Additional Tests: TBN) 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)

Report Id: CONFAY [WUSCAR] 06152778 (Generated: 04/18/2024 17:33:06) Rev: 1

Contact/Location: BRYAN VANNIMAN - CONFAY