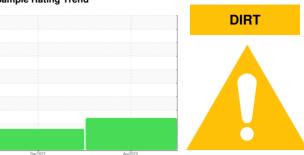


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

292203 HUSQVARNA SOFT CUT SAW

Gasoline Engine

MOBIL 1 FORMULA 10W30 (--- GAL)

DIAGNOSIS

Recommendation

We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

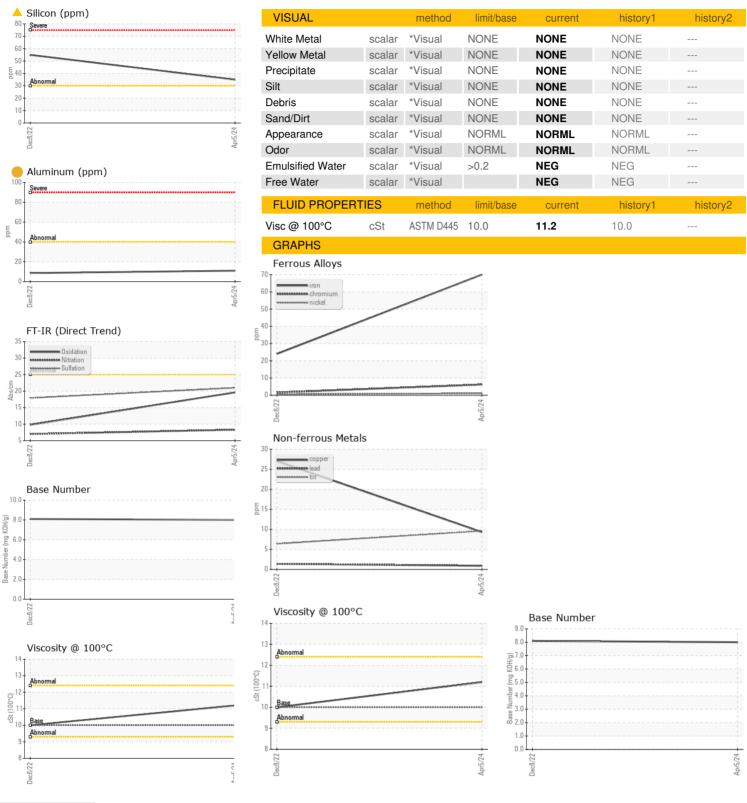
Fluid Condition

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

			Dec2022	ADTZUZ4		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		SBP0005758	SBP0002294	
Sample Date		Client Info		05 Apr 2024	08 Dec 2022	
Machine Age	hrs	Client Info		109	42	
Oil Age	hrs	Client Info		67	42	
Oil Changed		Client Info		Changed	Changed	
Sample Status				ABNORMAL	ABNORMAL	
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method	>4.0	<1.0	<1.0	
Water		WC Method	>0.2	NEG	NEG	
Glycol		WC Method		NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>150	70	24	
Chromium	ppm	ASTM D5185m	>20	6	2	
Nickel	ppm	ASTM D5185m	>5	1	<1	
Titanium	ppm	ASTM D5185m		1	0	
Silver	ppm	ASTM D5185m	>2	0	0	
Aluminum	ppm	ASTM D5185m	>40	<u> </u>	9	
Lead	ppm	ASTM D5185m	>50	<1	1	
Copper	ppm	ASTM D5185m	>155	9	27	
Tin	ppm	ASTM D5185m	>10	10	6	
Vanadium	ppm	ASTM D5185m		<1	0	
Cadmium	ppm	ASTM D5185m		<1	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		10	144	
Barium	ppm	ASTM D5185m		1	6	
Molybdenum	ppm	ASTM D5185m		55	65	
Manganese	ppm	ASTM D5185m		2	3	
Magnesium	ppm	ASTM D5185m		913	600	
Calcium	ppm	ASTM D5185m		1112	942	
Phosphorus	ppm	ASTM D5185m		939	622	
Zinc	ppm	ASTM D5185m		1181	805	
Sulfur	ppm	ASTM D5185m		2887	2942	
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>30	△ 35	△ 55	
Sodium	ppm	ASTM D5185m	>400	5	4	
Potassium	ppm	ASTM D5185m	>20	4	<1	
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1	0.1	
Nitration	Abs/cm	*ASTM D7624	>20	8.3	7.0	
Sulfation	Abs/.1mm	*ASTM D7415		21.0	17.9	
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	19.6	9.8	
Base Number (BN)	mg KOH/g	ASTM D2896		8.0	8.1	
2430 Harribor (DIV)	ing itoring	. 10 1111 D2000		0.0	0.1	



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No. Lab Number : 06143528

: SBP0005758

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 09 Apr 2024 Tested : 10 Apr 2024

Diagnosed Unique Number : 10968336 : 12 Apr 2024 - Jonathan Hester Test Package : FLEET

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.

Contact: Loren Michael LorenM@constructorslincoln.com T: (402)434-2157

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Constructors Inc. - 603659

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