

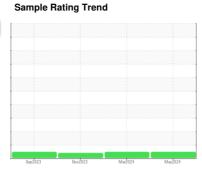
OIL ANALYSIS REPORT



TRACTORS [TRACTORS] 153

Diesel Engine

DIESEL ENGINE OIL SAE 10W30 (--- GAL)





Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

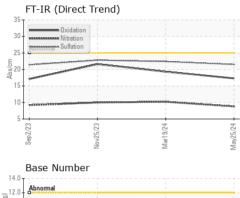
Fluid Condition

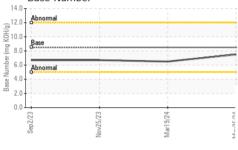
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

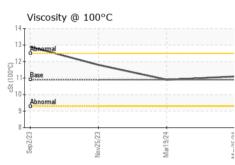
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SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		SBP0006773	SBP0005852	SBP0005635
Sample Date		Client Info		25 May 2024	19 Mar 2024	25 Nov 2023
Machine Age	mls	Client Info		279831	259324	208260
Oil Age	mls	Client Info		25000	259324	25000
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	ATTENTION
CONTAMINATION		method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0	<1.0	0.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>120	17	24	19
Chromium	ppm	ASTM D5185m	>20	0	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>20	2	3	2
Lead	ppm	ASTM D5185m	>40	<1	2	<1
Copper	ppm	ASTM D5185m	>330	2	5	3
Tin	ppm	ASTM D5185m	>15	<1	2	<1
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	<1	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	250	<1	0	9
Barium	ppm	ASTM D5185m	10	0	1	0
Molybdenum	ppm	ASTM D5185m	100	60	70	48
Manganese	ppm	ASTM D5185m		<1	<1	0
Magnesium	ppm	ASTM D5185m	450	980	1004	654
Calcium	ppm	ASTM D5185m	3000	1074	1300	1384
Phosphorus	ppm	ASTM D5185m	1150	1053	1082	841
Zinc	ppm	ASTM D5185m	1350	1277	1354	1037
Sulfur	ppm	ASTM D5185m	4250	3135	3419	2878
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	5	7	6
Sodium	ppm	ASTM D5185m		2	0	2
Potassium	ppm	ASTM D5185m	>20	1	4	4
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>4	0.6	0.5	0.5
Nitration	Abs/cm	*ASTM D7624	>20	8.8	10.2	10.0
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.5	22.4	22.8
FLUID DEGRADATION method limit/base current history1 history2						
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.3	19.3	21.6
Base Number (BN)	mg KOH/g	ASTM D2896		7.5	6.5	6.7
(' ' ')	0 - 9					

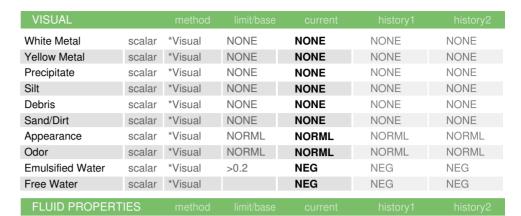


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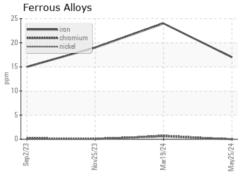






11.1

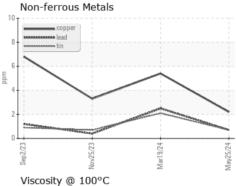
Visc @ 100°C
CDADUC

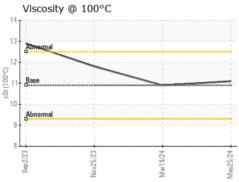


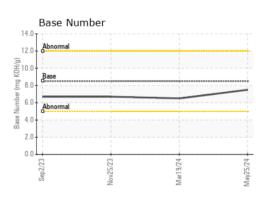
cSt

ASTM D445

10.9







10.9

11.8





Certificate 12367

Laboratory Sample No.

Lab Number : 06198575 Unique Number : 11060698

: SBP0006773

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 03 Jun 2024

Tested : 04 Jun 2024 Diagnosed : 04 Jun 2024 - Wes Davis

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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