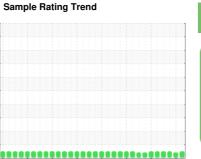


OIL ANALYSIS REPORT

COLORADO/443/EG - MOTOR GRADER Machine Id 78.250 [COLORADO^443^EG - MOTOR GRADER] Component Main Diesel Engine

Fluic

MOBIL DELVAC 1300 SUPER15W40 (--- GAL)





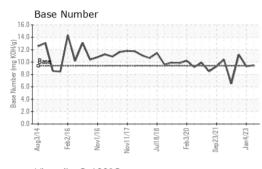
NORMAL

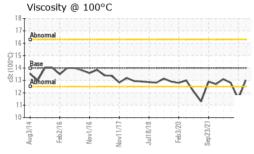
2014 Ed 2015 Nov2015 Nov2017 Ed2018 Ed 2020 Societaria

DIAGNOSIS SAM	PLE INFORMATION	method	limit/base	current	history1	history2
	e Number	Client Info		WC0823196	WC0749899	WC0703339
esample at the next service interval to monitor. Sample		Client Info		17 Jul 2023	04 Jan 2023	25 Jul 2022
lear Machir		Client Info		10826	10505	10212
I component wear rates are normal. Oil Age	•	Client Info		0	0	0
ontamination Oil Cha		Client Info		Changed	Changed	Changed
	e Status			NORMAL	ATTENTION	NORMAL
CON	TAMINATION	method	limit/base	current	history1	history2
uid Condition Fuel		WC Method	>5	<1.0	0.7	<1.0
he BN result indicates that there is suitable Glycol Glycol		WC Method		NEG	NEG	NEG
Lie quitable for further convice	R METALS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	20	16	18
Chrom		ASTM D5185m		<1	<1	<1
Nickel	ppm	ASTM D5185m		0	0	<1
Titaniu		ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	<1
Alumin		ASTM D5185m		2	2	3
Lead	ppm	ASTM D5185m		- <1	<1	<1
Coppe		ASTM D5185m		3	<1	<1
Tin	ppm	ASTM D5185m		<1	<1	<1
Vanad		ASTM D5185m	-	0	0	0
Cadmi		ASTM D5185m		0	0	0
ADD	ITIVES	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	58	75	61
Barium	n ppm	ASTM D5185m	0	<1	0	0
Molybo	denum ppm	ASTM D5185m	0	42	20	43
Manga	nese ppm	ASTM D5185m		<1	<1	<1
Magne	sium ppm	ASTM D5185m	0	591	627	566
Calciu	n ppm	ASTM D5185m		1873	1602	1714
Phosp	horus ppm	ASTM D5185m		813	756	784
Zinc	ppm	ASTM D5185m		987	905	959
Sulfur	ppm	ASTM D5185m		3091	3002	3045
	TAMINANTS	method	limit/base	current	history1	history2
Silicon		ASTM D5185m	>25	3	3	4
Sodiun		ASTM D5185m		3	1	3
Potass		ASTM D5185m	-	<1	3	0
	A-RED	method	limit/base	current	history1	history2
Soot %		*ASTM D7844		0.7	0.6	0.9
Nitratio		*ASTM D7624		9.4	9.5	9.2
Sulfatio	on Abs/.1mm	*ASTM D7415	>30	24.9	21.5	26.1
FLUI	D DEGRADATION	method	limit/base	current	history1	history2
		****	05	00.4	474	00.4
Oxidat	Image: Abs/.1mm Jumber (BN) mg KOH/g	*ASTM D7414		23.4	17.4	23.4

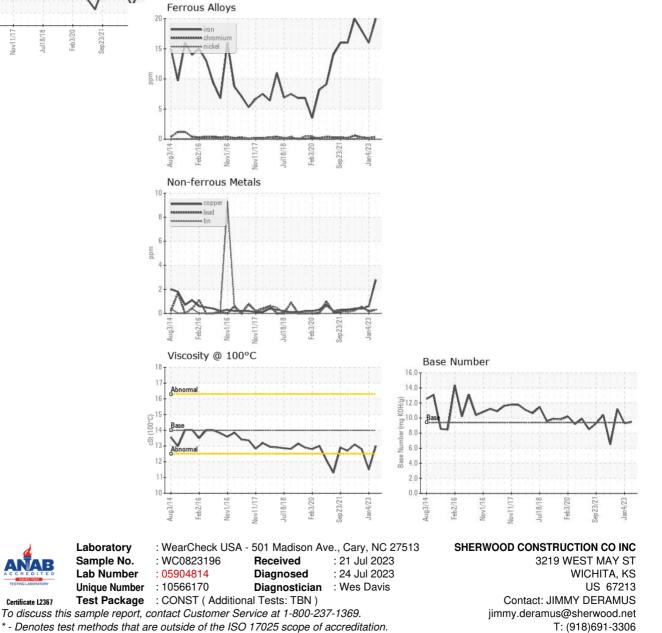


OIL ANALYSIS REPORT





VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPER	TIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	14	13.0	1 1.5	12.8
GRAPHS						



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

Certificate L2367

Submitted By: BRANDEN JAQUIAS

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