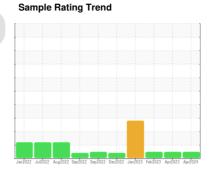


OIL ANALYSIS REPORT



OKLAHOMA/102 74.28 [OKLAHOMA^102] Diesel Engine

MOBIL DELVAC 1300 SUPER15W40 (14 GAL)





Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

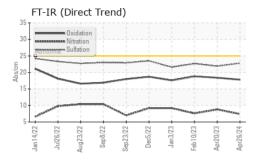
Fluid Condition

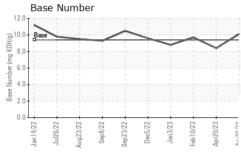
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

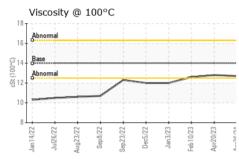
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0914446	WC0808003	WC0758725
Sample Date		Client Info		26 Apr 2024	20 Apr 2023	10 Feb 2023
Machine Age	hrs	Client Info		2257	1676	1322
Oil Age	hrs	Client Info		581	354	230
Oil Changed		Client Info		Changed	Changed	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATION	I	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0	<1.0	<1.0
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	>100	18	39	34
Chromium	ppm	ASTM D5185m	>20	<1	1	2
Nickel	ppm	ASTM D5185m	>2	<1	0	0
Titanium	ppm	ASTM D5185m	>2	<1	<1	<1
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>25	3	3	4
Lead	ppm	ASTM D5185m	>40	2	2	1
Copper	ppm		>330	24	71	72
Tin	ppm	ASTM D5185m	>15	1	2	1
Vanadium	ppm	ASTM D5185m	>10	<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES	1-1-	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	34	20	38
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m	0	29	28	36
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium			0	344	313	429
Calcium	ppm	ASTM D5185m	U	2090	2202	2013
	ppm	ASTM D5185m				
Phosphorus	ppm			916	854	837
Zinc Sulfur	ppm	ASTM D5185m ASTM D5185m		1048 3602	1041 3464	1012 3210
CONTAMINANTS	ррпп	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		13	26	26
Sodium	ppm	ASTM D5185m	725	2	0	1
Potassium	ppm	ASTM D5185m	>20	2	2	2
INFRA-RED	Phili	method	limit/base	current	history1	
	0/					history2
Soot %	% A b a /am	*ASTM D7844	>3	0.2	0.3	0.2
Nitration	Abs/cm	*ASTM D7624	>20	7.4	8.8	7.6
Sulfation	Abs/.1mm	*ASTM D7415	>30	22.8	21.9	22.7
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.8	18.4	18.8

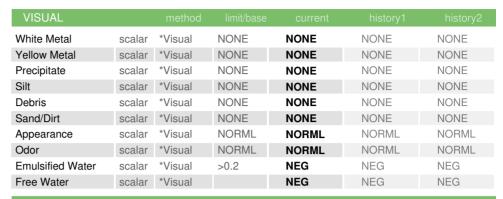


OIL ANALYSIS REPORT



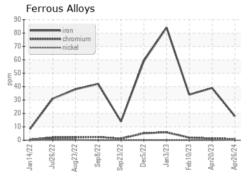


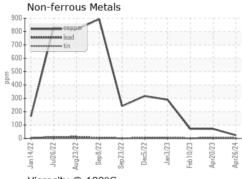


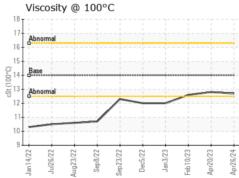


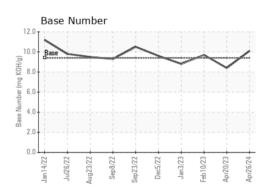
FLUID PROPERTIES		method				history2	
Visc @ 100°C	cSt	ASTM D445	14	12.7	12.8	12.6	

GRAPHS













Certificate 12367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0914446 Lab Number : 06174949 Unique Number : 11021002

Received **Tested** Diagnosed Test Package : CONST (Additional Tests: TBN)

: 09 May 2024 : 10 May 2024 : 13 May 2024 - Don Baldridge

3219 WEST MAY ST WICHITA, KS US 67213 Contact: RANDY ROBERTS

randy.roberts@sherwood.net

SHERWOOD CONSTRUCTION CO INC

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: SHEWIC [WUSCAR] 06174949 (Generated: 05/16/2024 14:06:33) Rev: 1

Submitted By: BOBBY JONES

T:

F: x: