

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

VOGELE 1703-3i 12830150

Diesel Engine

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

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Fuel content negligible. There is no indication of any contamination in the oil.

Fluid Condition

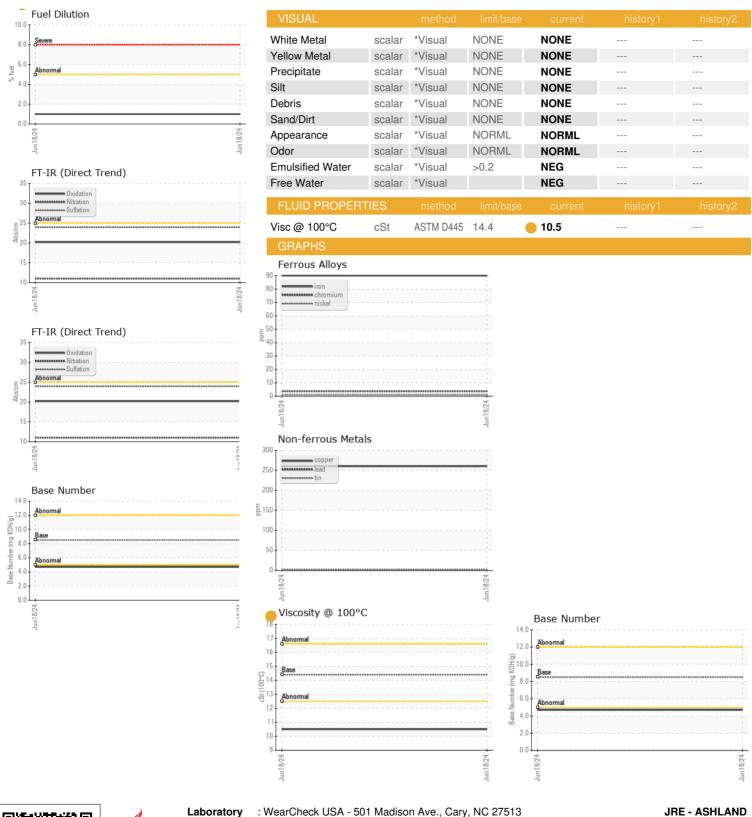
The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

				Jun2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
	IVIATION		IIIIIIVDase			
Sample Number		Client Info		JR0212071		
Sample Date		Client Info		18 Jun 2024		
Machine Age	hrs	Client Info		1142		
Oil Age	hrs	Client Info		0		
Dil Changed		Client Info		Changed		
Sample Status				ATTENTION		
CONTAMINATIO	DN	method	limit/base		history1	history2
Vater		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>100	90		
Chromium	ppm	ASTM D5185m	>20	4		
Nickel	ppm	ASTM D5185m	>4	1		
Titanium	ppm	ASTM D5185m		3		
Silver	ppm	ASTM D5185m	>3	<1		
Aluminum	ppm	ASTM D5185m	>20	9		
_ead	ppm	ASTM D5185m	>40	<1		
Copper	ppm		>330	260		
Борр е і Гіп		ASTM D5185m	>15	1		
/anadium	ppm	ASTM D5185m	>10	ا <1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES	1-1-	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	250	29		
Barium	ppm	ASTM D5185m		8		
Molybdenum		ASTM D5185m	100	66		
•	ppm		100	8		
Manganese	ppm	ASTM D5185m ASTM D5185m	450	397		
Magnesium	ppm					
Calcium	ppm	ASTM D5185m	3000	1724		
Phosphorus	ppm	ASTM D5185m	1150	850		
Zinc	ppm	ASTM D5185m	1350	1166		
Sulfur	ppm	ASTM D5185m	4250	2806		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	22		
Sodium	ppm	ASTM D5185m	>158	9		
Potassium	ppm	ASTM D5185m	>20	7		
Fuel	%	ASTM D3524	>5	1.0		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.2		
Nitration	Abs/cm	*ASTM D7624		11.0		
Sulfation	Abs/.1mm	*ASTM D7415	>30	23.9		
FLUID DEGRAD	ATION _	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	20.2		
Base Number (BN)	mg KOH/g	ASTM D2896	8.5	4.7		

Contact/Location: DAVID ZIEG - JAMASH



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: JR0212071 **Lab Number** : 06219502

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 25 Jun 2024 **Tested** : 28 Jun 2024 Diagnosed

Unique Number : 11097699 : 28 Jun 2024 - Jonathan Hester Test Package : CONST (Additional Tests: FuelDilution, PercentFuel, 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: JAMASH [WUSCAR] 06219502 (Generated: 06/28/2024 12:33:12) Rev: 1

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