

# **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id

# IAD2-A-GEN-02 IAD2-A-GEN-02

Diesel Engine

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

### Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Metal levels are typical for a new component breaking in.

## Contamination

There is no indication of any contamination in the

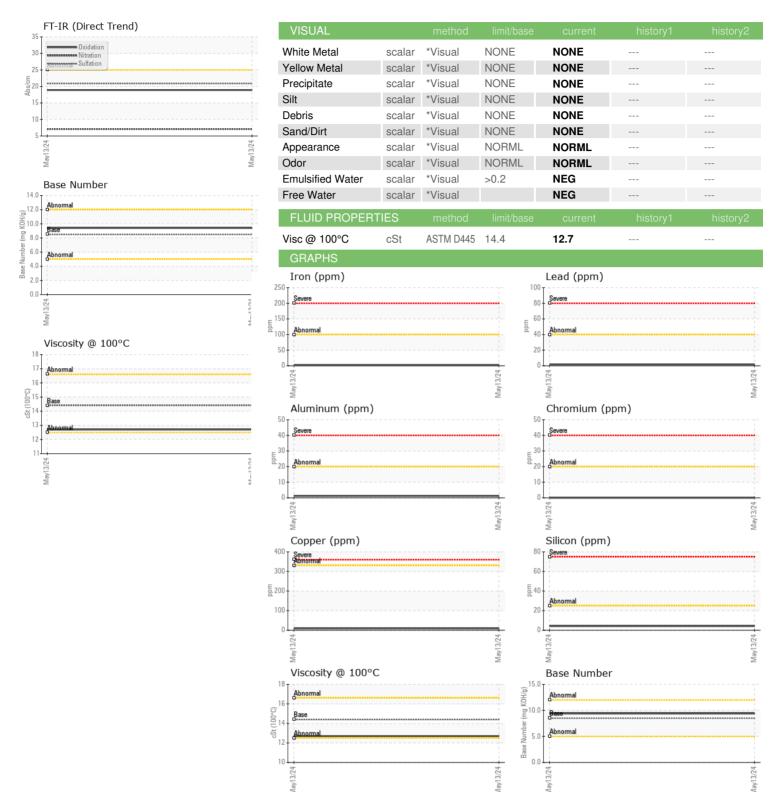
## **Fluid Condition**

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

				May2024		
SAMPLE INFORM	/ATION	method	limit/base	current	history1	history2
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Sample Number		Client Info		WC0931656		
Sample Date	hvo	Client Info		13 May 2024 876		
Machine Age Oil Age	hrs	Client Info		0		
Oil Changed	1115	Client Info		Not Changd		
Sample Status		Ciletit iiiio		NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method	7 U.L	NEG		
WEAR METALS			limit/booo		historyt	history
		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>100	2		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>4	0		
Fitanium	ppm	ASTM D5185m	0	0		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>20	1		
_ead	ppm	ASTM D5185m	>40	1		
Copper	ppm	ASTM D5185m	>330	9		
Γin ,	ppm	ASTM D5185m	>15	2		
/anadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	250	57		
Barium	ppm	ASTM D5185m	10	0		
Molybdenum	ppm	ASTM D5185m	100	40		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	450	585		
Calcium	ppm	ASTM D5185m	3000	1482		
Phosphorus	ppm	ASTM D5185m	1150	880		
Zinc	ppm	ASTM D5185m		1018		
Sulfur	ppm	ASTM D5185m	4250	3215		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4		
Sodium	ppm	ASTM D5185m	>158	4		
Potassium	ppm	ASTM D5185m	>20	1		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.1		
Nitration	Abs/cm	*ASTM D7624	>20	7.1		
Sulfation	Abs/.1mm	*ASTM D7415	>30	20.9		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	18.9		
Base Number (BN)	mg KOH/g	ASTM D2896	8.5	9.4		



## **OIL ANALYSIS REPORT**







Certificate 12367

Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06193819

: WC0931656 Unique Number : 11055942

**Tested** 

: 30 May 2024 Diagnosed : 30 May 2024 - Wes Davis Test Package : MOB 1 ( Additional Tests: TBN )

Received

: 29 May 2024

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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