

## **OIL ANALYSIS REPORT**

### Sample Rating Trend

# **NORMAL**

Machine Id

# NOT GIVEN HLC0003218 (S/N NO INFO ON BOTTLE)

**Diesel Engine** 

{not provided} (--- GAL)

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#### Recommendation

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

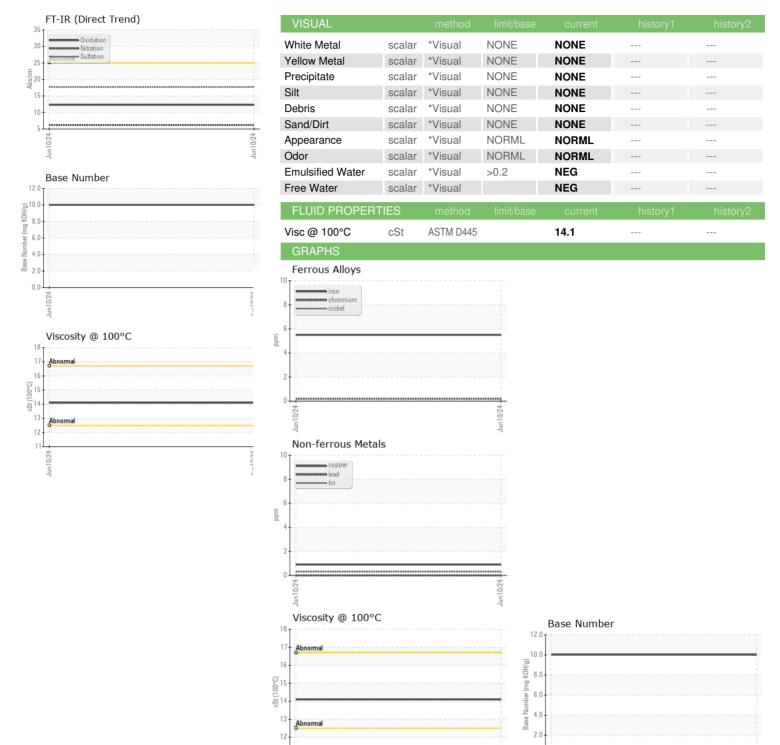
#### **Fluid Condition**

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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				Jun2024		
SAMPLE INFORM	/ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		HLC0003218		
Sample Date		Client Info		10 Jun 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	6		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>4	<1		
Titanium	ppm	ASTM D5185m		1		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>20	2		
Lead	ppm	ASTM D5185m	>40	0		
Copper	ppm	ASTM D5185m	>330	<1		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		121		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		8		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		634		
Calcium	ppm	ASTM D5185m		1381		
Phosphorus	ppm	ASTM D5185m		735		
Zinc	ppm	ASTM D5185m		813		
Sulfur	ppm	ASTM D5185m		3011		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	nnm	ASTM D5185m	>25	5		



### **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

: HLC0003218 **Lab Number** : 06205730

Unique Number : 11073191 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 10 Jun 2024 **Tested** : 12 Jun 2024

Diagnosed

: 12 Jun 2024 - Wes Davis

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PRUDHOE BAY, AK US 99734 Contact: INDIGO MERRITT imerritt@hilcorp.com

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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)