

# **OIL ANALYSIS REPORT**

Sample Rating Trend







4488 Gearbox {not provided} (--- QTS)

## DIAGNOSIS

Machine Id

#### Recommendation

Resample at the next service interval to monitor. 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 oil.

#### **Fluid Condition**

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0119666		
Sample Date		Client Info		30 May 2024		
Machine Age	mls	Client Info		0		
Oil Age	mls	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATI	ON	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	3		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>50	<1		
Copper	ppm	ASTM D5185m	>200	2		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		1		
Barium	ppm	ASTM D5185m		<1		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		2		
Calcium	ppm	ASTM D5185m		410		
Phosphorus	ppm	ASTM D5185m		377		
Zinc	ppm	ASTM D5185m		120		
Sulfur	ppm	ASTM D5185m		1908		
CONTAMINAN <sup>*</sup>	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	1		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	2		
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2

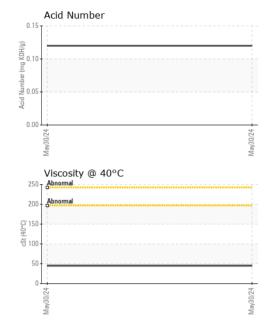
0.12

Acid Number (AN)

mg KOH/g ASTM D8045



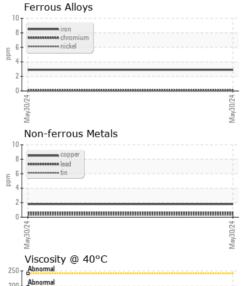
## **OIL ANALYSIS REPORT**





### **GRAPHS**

**Bottom** 





no image

no image





Certificate 12367

Laboratory Sample No.

**Lab Number** : 06196830 Unique Number : 11058953

Test Package : IND 2

성 100

: PCA0119666

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 31 May 2024 **Tested** : 03 Jun 2024

Diagnosed : 03 Jun 2024 - Sean Felton

**COLE OIL AND PROPANE** 265 FOREST AVE FOND DU LAC, WI

US 54935

Contact: KATRINA THOM

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)

Contact/Location: KATRINA THOM - COLFON

T:

F: