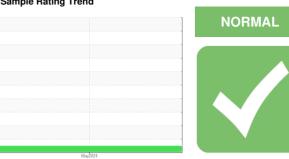


## **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id CITGO 2

New (Unused) Oil

CITGO PACEMAKER GAS ENGINE LFG LA 40 (--- GAL)

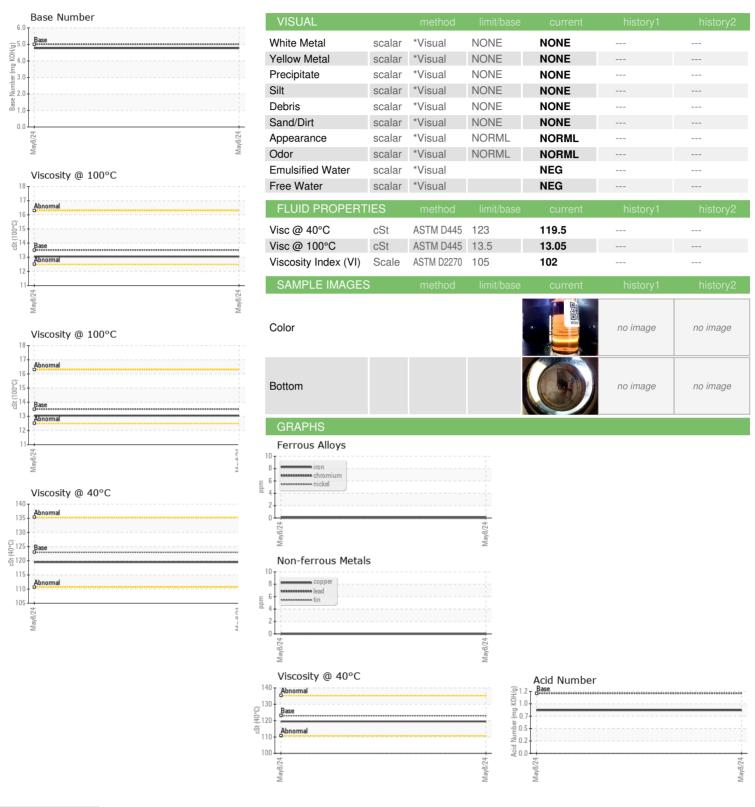
## Recommendation

This is a baseline read-out on the submitted sample.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0880280		
Sample Date		Client Info		08 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m		<1		
Chromium	ppm	ASTM D5185m		0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		<1		
Lead	ppm	ASTM D5185m		0		
Copper	ppm	ASTM D5185m		0		
Tin	ppm	ASTM D5185m		0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		9		
Calcium	ppm	ASTM D5185m		1635		
Phosphorus	ppm	ASTM D5185m		293		
Zinc	ppm	ASTM D5185m		362		
Sulfur	ppm	ASTM D5185m		2970		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		4		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	<1		
	%	ASTM D6304		NEG		
Water						
Water FLUID DEGRADA		method	limit/base	current	history1	history2
		method ASTM D8045	limit/base	current 0.835	history1	history2



## **OIL ANALYSIS REPORT**







Sample No.

Laboratory

Lab Number : 06177647

: WC0880280

Unique Number : 11023700

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested** 

: 13 May 2024 Diagnosed

: 17 May 2024 : 17 May 2024 - Jonathan Hester

**BI-COUNTY** 3214 DOVER RD WOODLAWN, TN US 37191

Certificate 12367

Test Package : MOB 2 ( Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PrtCount, TBN, VContact: KEVIN WEAVER To discuss this sample report, contact Customer Service at 1-800-237-1369.

 $^st$  - 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)

T: F:

kevin.weaver@cubedistrictenergy.com