

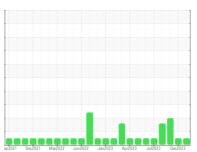
OIL ANALYSIS REPORT



GUAY SON/Yavaros [CONHER] CATERPILLAR Pacifico Ind-Pisa1 MP

Component **Diesel Engine**

CHEVRON DELO 400 XLE 15W40 (100 LTR)



Sample Rating Trend



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

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.

## 134V40 (100 LTh) ## 134V40 (100 LTh) ## 134V40 (100 LTh)						
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KL0013462	KL0013443	KL0013383
Sample Date		Client Info		23 Jan 2024	21 Dec 2023	17 Nov 2023
Machine Age	hrs	Client Info		40119	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ATTENTION
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	57	36	40
Chromium	ppm	ASTM D5185m	>20	1	<1	2
Nickel	ppm	ASTM D5185m	>2	0	0	1
Titanium	ppm	ASTM D5185m	>2	0	0	<1
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>25	3	3	7
Lead	ppm	ASTM D5185m	>40	<1	<1	1
Copper	ppm	ASTM D5185m	>330	33	33	60
Tin	ppm	ASTM D5185m	>15	<1	<1	1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		71	102	269
Barium	ppm	ASTM D5185m		2	0	2
Molybdenum	ppm	ASTM D5185m		148	141	214
Manganese	ppm	ASTM D5185m		<1	<1	2
Magnesium	ppm	ASTM D5185m		726	729	1074
Calcium	ppm	ASTM D5185m		1695	1680	2552
Phosphorus	ppm	ASTM D5185m	760	820	767	1098
Zinc	ppm	ASTM D5185m	830	921	928	1333
Sulfur	ppm	ASTM D5185m	2770	2918	2478	4143
CONTAMINANTS						
	8	method	limit/base	current	history1	history2
	ppm	method ASTM D5185m	limit/base >25	current 7	6	11
Silicon						
Silicon Sodium	ppm	ASTM D5185m		7	6	11
Silicon Sodium	ppm	ASTM D5185m ASTM D5185m	>25	7 0	6 2	11 3
Silicon Sodium Potassium INFRA-RED	ppm	ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20	7 0 2	6 2 0	11 3 3
Silicon Sodium Potassium	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m method	>25 >20 limit/base >3	7 0 2 current	6 2 0 history1	11 3 3 history2



OIL ANALYSIS REPORT







Laboratory Sample No.

Test Package Certificate L2367

Lab Number **Unique Number**

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : KL0013462 : 06075010

(100°C)

ts:

Recieved Diagnosed

: 10857101 Diagnostician : Jonathan Hester : MOB 2 (Additional Tests: PrtCount)

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

un24/22

Jan7/23

E10.0

: 30 Jan 2024

: 02 Feb 2024

5.0 Base 0.0

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

To discuss this sample report, contact Customer Service at 1-800-237-1369.

CONOR JUAREZ 348 HERMOSILLO.

MX 83140 Contact: EDUARDO GARCIA egarcia.comsa@gmail.com

T: (526)622-1581 x:81

F: x: