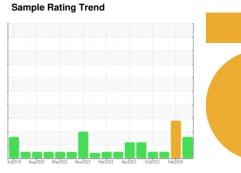


OIL ANALYSIS REPORT

GUAY SON [CONHER] PERKINS IBACO COZAR VII AUX-1

Diesel Engine

RALOY 15W40 (8 LTR)





Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: Fluid: Raloy 15W40)

All component wear rates are normal.

Contamination

There is a moderate amount of particulates present in the oil.

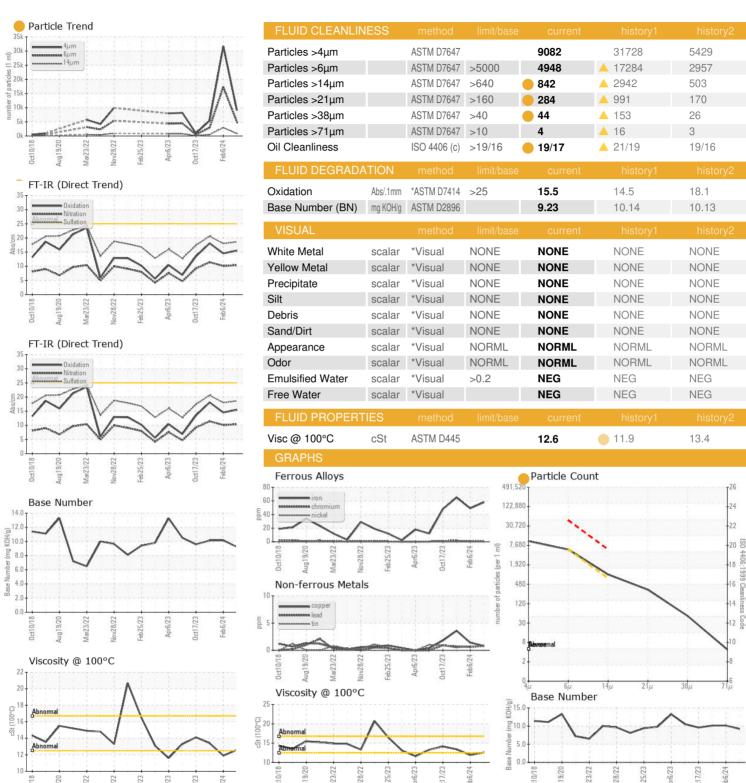
Fluid Condition

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

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KL0014185	KL0014154	KL0013355
Sample Date		Client Info		20 Mar 2024	06 Feb 2024	01 Nov 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	372	20
Oil Changed		Client Info		N/A	Changed	Not Changd
Sample Status				ATTENTION	ABNORMAL	NORMAL
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0	1.7	<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	>250	58	49	65
Chromium	ppm	ASTM D5185m	>10	<1	<1	1
Nickel	ppm	ASTM D5185m	>5	0	0	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m		3	3	3
Lead	ppm	ASTM D5185m		<1	<1	<1
Copper	ppm	ASTM D5185m		<1	1	4
Tin	ppm	ASTM D5185m	>5	<1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		4	6	8
Calcium	ppm	ASTM D5185m		2857	2561	2961
Phosphorus Zinc	ppm	ASTM D5185m ASTM D5185m		1208 1400	1050 1318	1094 1495
Sulfur	ppm	ASTM D5185m		3742	2762	3168
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	12	10	12
Sodium	ppm	ASTM D5185m		0	1	3
Potassium	ppm	ASTM D5185m	>20	2	3	4
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.2	0.2	0.3
Nitration	Abs/cm	*ASTM D7624		10.4	10.1	11.4
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.6	18.0	20.6



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number

: KL0014185 : 06153293 Unique Number: 10983371

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 18 Apr 2024 **Tested** : 23 Apr 2024

Diagnosed : 23 Apr 2024 - Don Baldridge Test Package : MOB 2 (Additional Tests: PrtCount)

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.

MX 83140 Contact: EDUARDO GARCIA egarcia.comsa@gmail.com T: (526)622-1581 x:81

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Report Id: CONHERKL [WUSCAR] 06153293 (Generated: 04/23/2024 10:13:43) Rev: 1

Submitted By: EDUARDO GARCIA

F: x:

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HERMOSILLO,