

OIL ANALYSIS REPORT

[CONHER] Astillero - Grua TV 150 Motor

Diesel Engine

Xtra Rev 15W40 (22 LTR)



Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

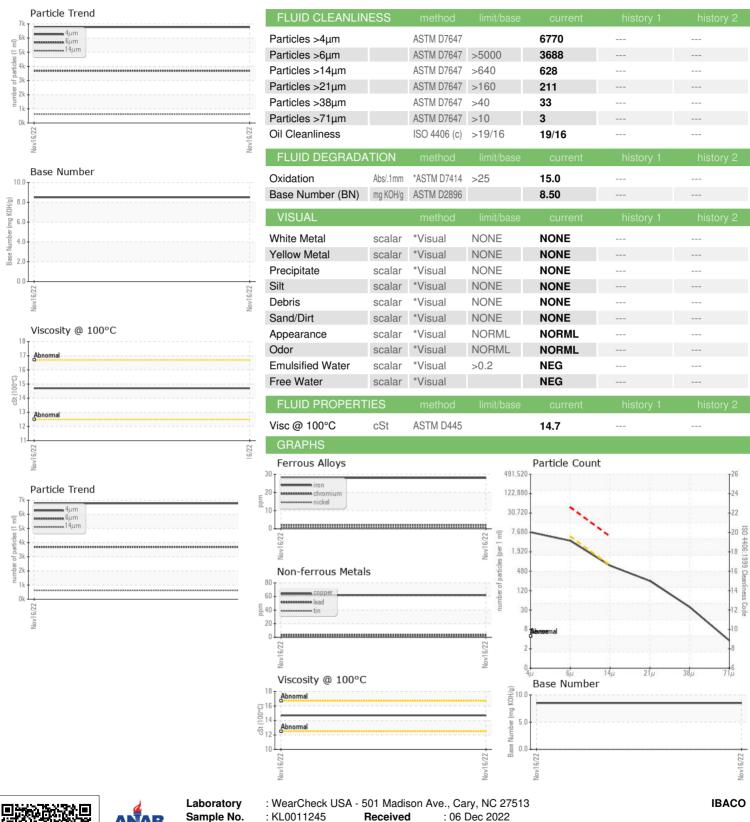
Fluid Condition

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

			Nov2022			
SAMPLE INFORM	MATION	method	limit/base	current	history 1	history 2
Sample Number		Client Info		KL0011245		
Sample Date		Client Info		16 Nov 2022		
Machine Age	hrs	Client Info		9600		
Oil Age	hrs	Client Info		160		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION	V	method	limit/base	current	history 1	history 2
Fuel		WC Method	>5	<1.0		
Glycol		WC Method		NEG		
•			12 24 /1		111	111
WEAR METALS		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m	>100	28		
Chromium	ppm	ASTM D5185m	>20	2		
Nickel	ppm	ASTM D5185m	>4	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>20	5		
Lead	ppm	ASTM D5185m	>40	3		
Copper	ppm	ASTM D5185m	>330	62		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m		352		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		110		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		499		
Calcium	ppm	ASTM D5185m		1397		
Phosphorus	ppm	ASTM D5185m		832		
Zinc	ppm	ASTM D5185m		984		
Sulfur	ppm	ASTM D5185m		3784		
CONTAMINANTS	;	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	>25	18		
Sodium	ppm	ASTM D5185m		7		
Potassium	ppm	ASTM D5185m	>20	1		
INFRA-RED		method	limit/base	current	history 1	history 2
Soot %	%	*ASTM D7844	>3	0.1		
Nitration	Abs/cm	*ASTM D7624	>20	5.9		
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.2		



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Certificate L2367

Sample No. Lab Number **Unique Number**

: KL0011245 : 05710563 : 10245138

Diagnosed Diagnostician

: 09 Dec 2022 : Wes Davis

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.

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

GUAYMAS.

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