

OIL ANALYSIS REPORT

[CONHER] FREIGHTLINER UM - TRSM TM-245 (Sencillo)

Diesel Engine

MOBIL 15W40 (42 LTR)

Sample Rating Trend ISO

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

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.

				Jun 2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KL0014590		
Sample Date		Client Info		13 Jun 2024		
Machine Age	kms	Client Info		683592		
Oil Age	kms	Client Info		46573		
Oil Changed		Client Info		Changed		
Sample Status				ATTENTION		
CONTAMINATION	V	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>65	23		
Chromium	ppm	ASTM D5185m	>5	1		
Nickel	ppm	ASTM D5185m	>3	<1		
Titanium	ppm	ASTM D5185m	>5	<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>35	2		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>180	4		
Tin	ppm	ASTM D5185m	>8	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		2		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		68		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		1092		
Calcium	ppm	ASTM D5185m		1240		
Phosphorus	ppm	ASTM D5185m		1083		
Zinc	ppm	ASTM D5185m		1396		
Sulfur	ppm	ASTM D5185m		3469		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	6		
Sodium	ppm	ASTM D5185m	>118	1		
Potassium	ppm	ASTM D5185m	>20	0		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.5		
Nitration	Abs/cm	*ASTM D7624	>20	8.3		
O If I'	Al / d	**OTM D7/15	00	04.0		

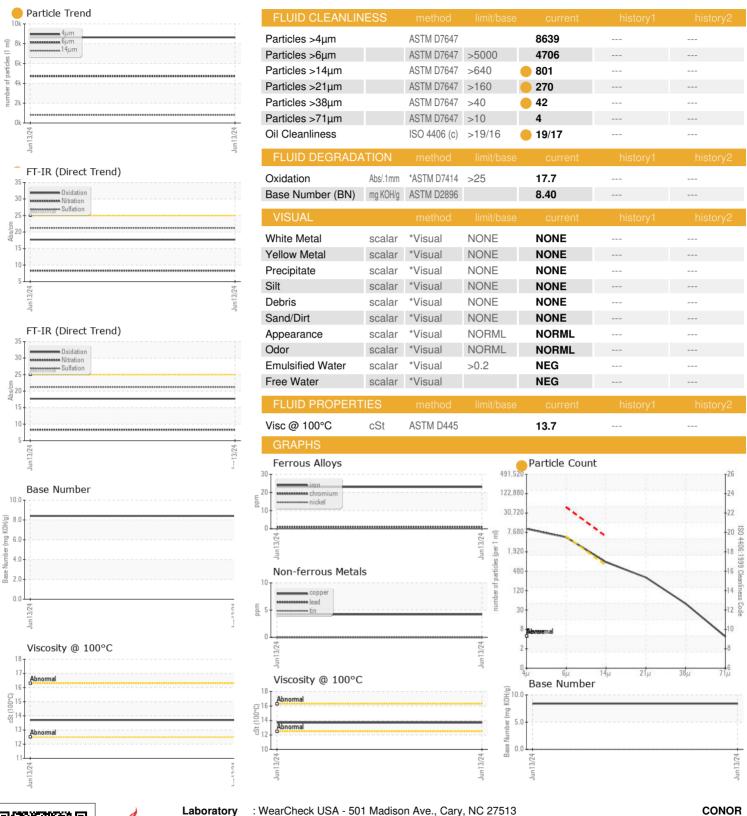
21.2

Abs/.1mm *ASTM D7415 >30

Sulfation



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Certificate 12367

Laboratory Sample No.

: KL0014590 Lab Number : 06215920 Unique Number : 11088784

Received **Tested** Diagnosed

: 20 Jun 2024 : 22 Jun 2024

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

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.

T: (526)622-1581 x:81 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Submitted By: EDUARDO GARCIA

Report Id: CONHERKL [WUSCAR] 06215920 (Generated: 06/23/2024 11:12:24) Rev: 1

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HERMOSILLO,