

OIL ANALYSIS REPORT

Area ECORE LANCASTER Machine Id CORK DEMOLD PRESS - ECORE LANCASTER

Hydraulic System

SHELL TELLUS S2 MX 68 (--- GAL)

DIAGNOSIS

A Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

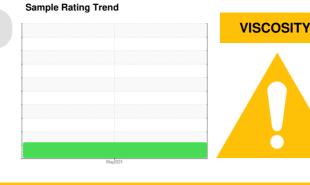
All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 6 microns in size) present in the oil.

Fluid Condition

Viscosity of sample indicates oil is within ISO 46 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid.



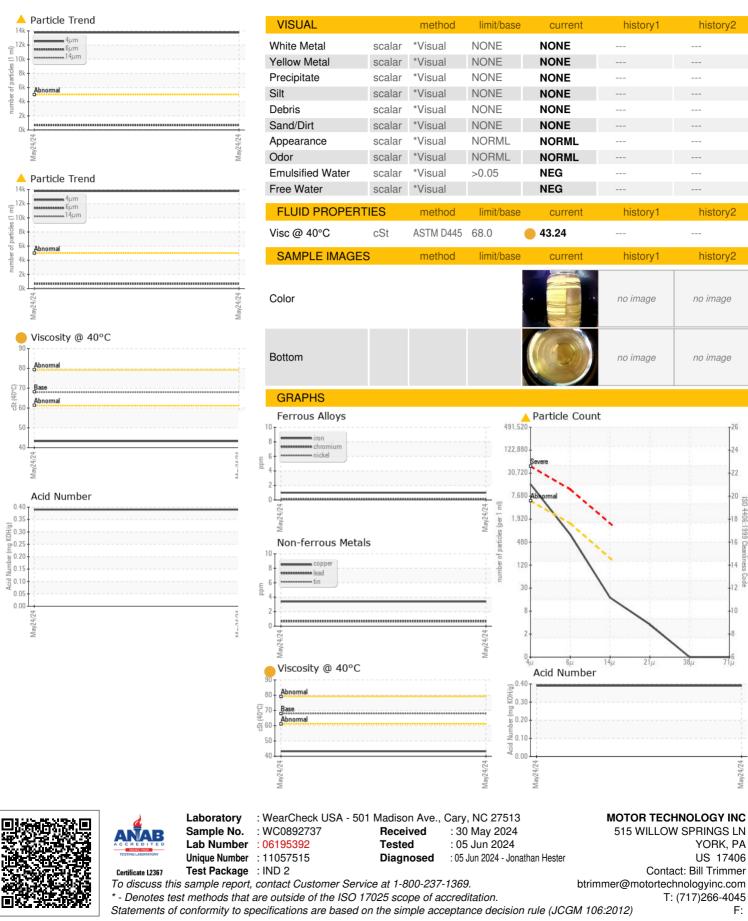
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0892737		
Sample Date		Client Info		24 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
CONTAMINATION	l	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	1		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	2		
Lead	ppm	ASTM D5185m	>20	<1		
Copper	ppm	ASTM D5185m	>20	3		
Tin	ppm	ASTM D5185m	>20	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		<1		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		14		
Calcium	ppm	ASTM D5185m		120		
Phosphorus	ppm	ASTM D5185m		296		
Zinc	ppm	ASTM D5185m		479		
Sulfur	ppm	ASTM D5185m		914		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	2		
Sodium	ppm	ASTM D5185m		- <1		
Potassium	ppm	ASTM D5185m	>20	2		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	13761		
Particles >6µm						
		ASTM D7647	>1300	665		
Particles >14µm		ASTM D7647 ASTM D7647	>1300 >160	665 15		
Particles >14µm		ASTM D7647				
		ASTM D7647 ASTM D7647	>160	15		
Particles >14μm Particles >21μm Particles >38μm		ASTM D7647	>160 >40	15 3		
Particles >14µm Particles >21µm		ASTM D7647 ASTM D7647 ASTM D7647	>160 >40 >10	15 3 0		
Particles >14μm Particles >21μm Particles >38μm Particles >71μm	TION	ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	>160 >40 >10 >3	15 3 0 0		
Particles >14μm Particles >21μm Particles >38μm Particles >71μm Oil Cleanliness	TION mg KOH/g	ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647 ISO 4406 (c)	>160 >40 >10 >3 >19/17/14	15 3 0 0 ▲ 21/17/11		

Report Id: MOTYOR [WUSCAR] 06195392 (Generated: 06/05/2024 15:18:36) Rev: 1

Contact/Location: Bill Trimmer - MOTYOR



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YORK, PA

US 17406

history2

history2

history2

no imade

no imade

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