

OIL ANALYSIS REPORT

Sample Rating Trend

Machine Id

CASSIDA FLUID GL 460 B - HEB BAKERY

New (Unused) Oil Fluid SHELL CASSIDA GL 460 (--- GAL)

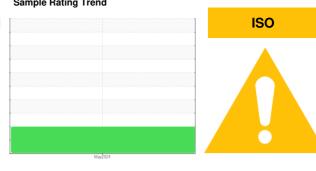
DIAGNOSIS

A Recommendation

This is a baseline read-out on the submitted sample. Please note that this is a corrected copy for laboratory data updates to add particle count data.

Contamination

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

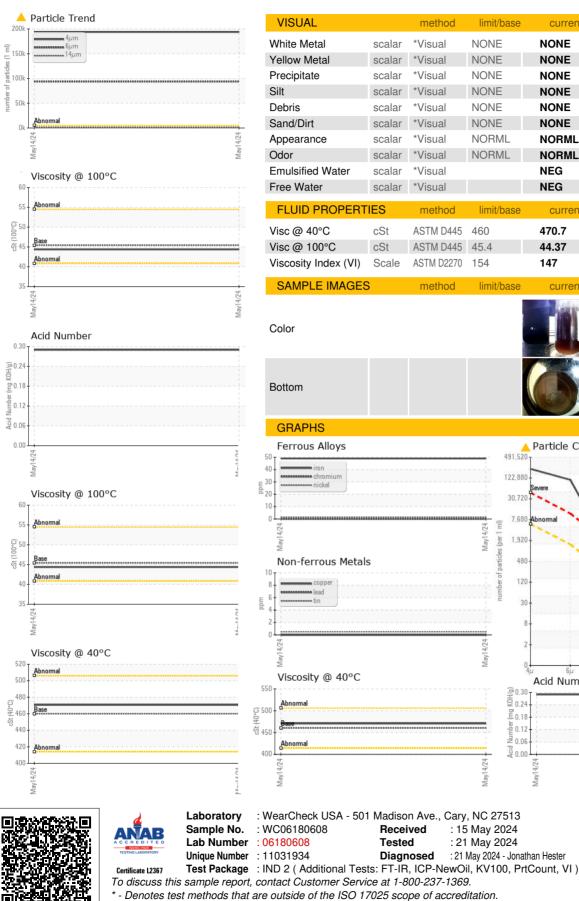


SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06180608		
Sample Date		Client Info		14 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>5	49		
Chromium	ppm	ASTM D5185m	>5	0		
Nickel	ppm	ASTM D5185m	>5	1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>5	<1		
Aluminum	ppm	ASTM D5185m	>5	<1		
Lead	ppm	ASTM D5185m	>5	0		
Copper	ppm	ASTM D5185m	>5	0		
Tin	ppm	ASTM D5185m	>5	<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		0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		8		
Calcium	ppm	ASTM D5185m		6		
Phosphorus	ppm	ASTM D5185m		503		
Zinc	ppm	ASTM D5185m		2		
Sulfur	ppm	ASTM D5185m		725		
CONTAMINANTS	6	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	26		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	3		
FLUID CLEANLIN	IESS	method	limit/base		history1	history2
Particles >4µm		ASTM D7647	>5000	<u> </u>		
Particles >6µm		ASTM D7647		93776		
Particles >14µm		ASTM D7647	>160	A 817		
Particles >21µm		ASTM D7647		<u> </u>		
Particles >38µm		ASTM D7647	>10	2		
Particles >71µm		ASTM D7647		1		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	A 25/24/17		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.29	,	,

Contact/Location: RAY MOTT - MOTHOU Page 1 of 2



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no image no image no image no image

history1

history

history1

current

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

current

current

NEG

NEG

470.7

44.37

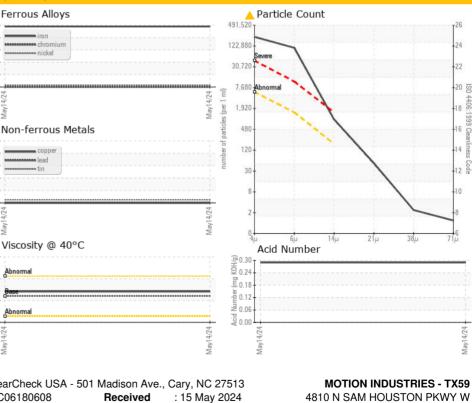
147

history2

history

history2

1999 Cle



HOUSTON, TX US 77086 Contact: RAY MOTT ray.mott@motion.com T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (713)683-7029

Report Id: MOTHOU [WUSCAR] 06180608 (Generated: 05/21/2024 14:09:13) Rev: 3

Contact/Location: RAY MOTT - MOTHOU