

OIL ANALYSIS REPORT

Sample Date

Machine Age

Oil Changed

Sample Status

Oil Age

Iron

Nickel

Silver

Lead

Tin

Copper

Vanadium

Cadmium

Boron

Barium

Molybdenum

Manganese

Magnesium

Phosphorus

Calcium

Zinc

Sulfur

ADDITIVES

Titanium

Aluminum

Chromium

MET EXPRESS **MET EXPRESS 23004** Component

Front Differential NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please note that this is a corrected copy for laboratory data updates of elemental data.

Wear

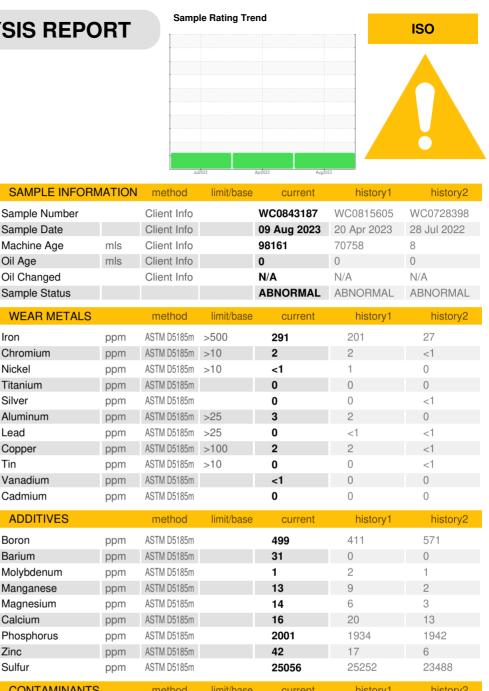
All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	47	34	7
Sodium	ppm	ASTM D5185m		8	4	4
Potassium	ppm	ASTM D5185m	>20	3	3	<1
Water	%	ASTM D6304	>.2	0.039	0.035	0.011
ppm Water	ppm	ASTM D6304	>2000	398.2	352.6	110.1

FLUID CLEANLINESS	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>20000	116641	125839	108382
Particles >6µm	ASTM D7647	>5000	6917	1 3867	1 0279
Particles >14µm	ASTM D7647	>640	25	27	315
Particles >21µm	ASTM D7647	>160	6	4	75
Particles >38µm	ASTM D7647	>40	0	0	6
Particles >71µm	ASTM D7647	>10	0	0	0
Oil Cleanliness	ISO 4406 (c)	>21/19/16	24/20/12	▲ 24/21/12	▲ 24/21/15
FLUID DEGRADATION	method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/	g ASTM D8045		3.46	3.68	3.07

mg KOH/g ASTM D8045



0 14

रहुँ 1

8

1.20

0.9

0.72<u>ق</u>

a²0.48

0.24 A

0.00

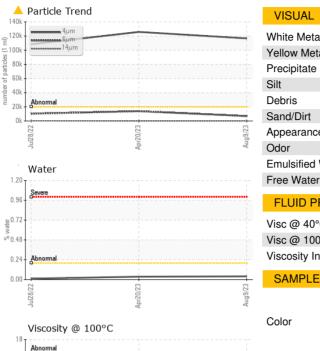
16

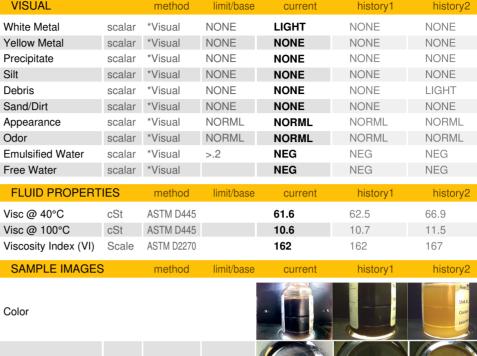
014

रहुँ 12

10

OIL ANALYSIS REPORT





Bottom

