

OIL ANALYSIS REPORT

Sample Rating Trend

WEAR

TOTE 233

Component Oil Fluid SHELL OMALA S2 GX 68 (275 GAL)

DIAGNOSIS

A Recommendation

This is a baseline read-out on the submitted sample. (Customer Sample Comment: Should be Morlina S3 BA 320)

🛑 Wear

The iron level is noted.

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.

ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 1 Barium ppm ASTM D5185m 0 Molybdenum ppm ASTM D5185m 0 Magnese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 269 Calcium ppm ASTM D5185m 269 Sulfur ppm ASTM D5185m 275 Sulfur ppm ASTM D5185m 275 Sulfur ppm ASTM D5185m 269 Sulfur ppm ASTM D5185m 269 Sulfur ppm ASTM D5185m 20 <1 Sodium ppm ASTM D5185m >20<	Sample Date Client Info 07 Feb 2024 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Sample Status Client Info 0 WEAR METALS method limit/base current history1 history2 PQ ASTM 05165m >20 2 Nickel ppm ASTM 05165m >20 <1 Nickel ppm ASTM 05165m >20 <1 Nickel ppm ASTM 05165m >20 <1 Laad ppm ASTM 05165m >20 <1 Copper ppm ASTM 05165m >20 <1 Vanadium ppm ASTM 05165m 20 <1 Vanadium ppm	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
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		Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u> </u>		
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		Acid Number (AN)	mg KOH/a	ASTM D8045		0.16		



🔺 Particle Trend

14µm

160k 1404

120k

a 100

108 Bar 60

40k

20

0

12

cSt (100°C)

eb7/2/

Ał

Abn

Cda:

PQ 250 200 Se

150

100 5

0.2

(B/H0.19

명 0.05

0.00

cSt (100°C)

-da

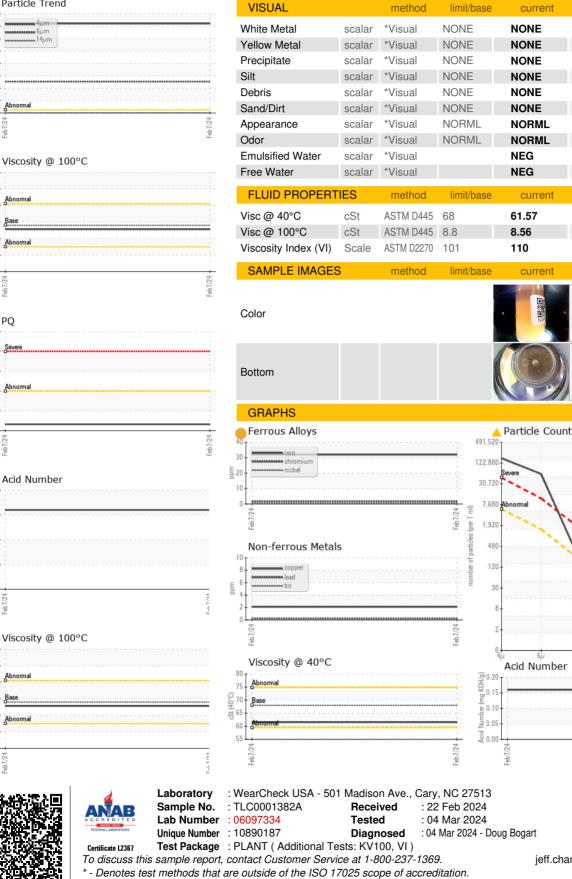
Abnorma

Abno

-6

Acid Number

OIL ANALYSIS REPORT



JTEKT 615 TORRINGTON DR DAHLONEGA, GA US 30533 Contact: JEFF CHARAMEDA jeff.charameda@quakerhoughton.com T: (706)864-7691 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

history1

history

history1

no image

no image

history2

history

history2

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Contact/Location: JEFF CHARAMEDA - JTEDAH