



**D430-56125-4003** ◆ Action Required

**07-008** LBL00266 - CAT 963K

Engine Diesel Group: -

Customer : WIREGRASS CONSTRUCTION CO. INC.

**SOS SERVICES**

### Interpretation

Interpreted by: Blake Barnwell; 05/06/2026

INCREASED IRON. AS A PRECAUTION, INSPECT FILTER MEDIA FOR LARGER PARTICLES. ALUMINUM AND SILICON HAVE IMPROVED BUT REMAIN ELEVATED. ALL OTHER READINGS APPEAR NORMAL. RECOMMEND FLUID CHANGE TO REMOVE THE BUILD UP. RESAMPLE AT NEXT SERVICE TO MONITOR.

For additional sample history go to [vl.cat.com](http://vl.cat.com)

### Sample Information

◆ Action Required ▲ Monitor ✔ No Action ■ No Comment

Sample Date	<span style="color: red;">◆</span> 04/30/2026	<span style="color: red;">◆</span> 02/14/2024
Sample ID	<a href="#">D430-56125-4003</a>	<a href="#">D430-54054-0255</a>
Lab Date	05/06/2026	02/23/2024
Service Meter (h)	10,229.0	9,734.0
Comp. Meter (hr)	-	-
Meter on Fluid (h)	495.0	9,734.0
Fluid Brand	-	-
Fluid Type	-	-
Fluid Grade	-	-
Fluid Change	No	Yes
Filter Change	No	Yes

### Elemental Analysis by ICP

Sample Date	<span style="color: red;">◆</span> 04/30/2026	<span style="color: red;">◆</span> 02/14/2024
Aluminum	41	60
Boron	6	22
Calcium	1,352	2,031
Chromium	2	3
Copper	4	7
Iron	110	98
Lead	0	1
Magnesium	1,015	581
Molybdenum	82	77
Nickel	0	1
Phosphorus	1,177	1,169
Potassium	7	4
Silicon	15	17
Silver	0	0

**Notice:** This analysis is intended only as an aid in predicting mechanical wear. It does not replace or negate the need for usual maintenance. No guarantee, express or implied, is made against failure, deterioration, or damage of the equipment or its components.



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Sample Date	◆ 04/30/2026	◆ 02/14/2024
Sodium	1	7
Tin	0	0
Titanium	0	0
Zinc	1,397	1,471
Barium	-	0
Cadmium	-	0
Manganese	-	1
Vanadium	-	0

### Infrared

Sample Date	◆ 04/30/2026	◆ 02/14/2024
Oxidation	16	21
Sulfur Products	21	26
Nitration	0	2
Soot	27	53
Antiwear	17	17

### Viscosity at 100 °C

Sample Date	◆ 04/30/2026	◆ 02/14/2024
Viscosity at 100 C	12.47	14.31

### Particle Count

Sample Date	◆ 04/30/2026	◆ 02/14/2024
4μ	40	0
6μ	5	0
14μ	5	0
21μ	0	0
25μ	0	-
38μ	0	0
70μ	0	-
ISO	12/9/9	HBL
10μ	-	0
18μ	-	0
50μ	-	0

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### Fuel

<b>Sample Date</b>	◆ 04/30/2026	◆ 02/14/2024
Fuel	-	N

### Water

<b>Sample Date</b>	◆ 04/30/2026	◆ 02/14/2024
Water	-	N

### Antifreeze

<b>Sample Date</b>	◆ 04/30/2026	◆ 02/14/2024
Antifreeze	N	N

**THOMPSON TRACTOR**  
 2401 Pinson Hwy Birmingham  
 35217-2051 USA  
 Phone : 205-849-4264  
 Email : philipjackson@thompsontractor.com

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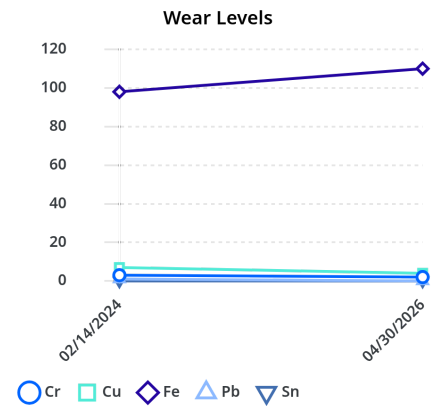
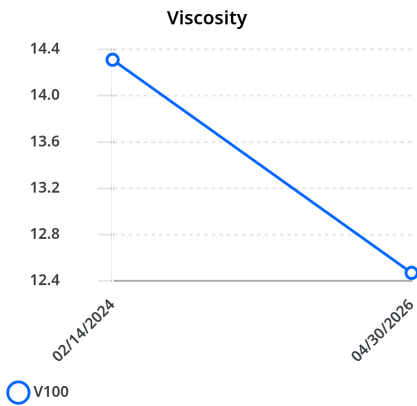
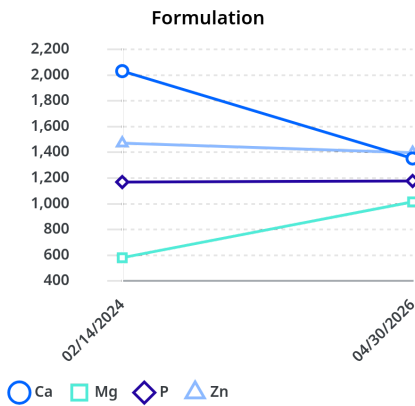
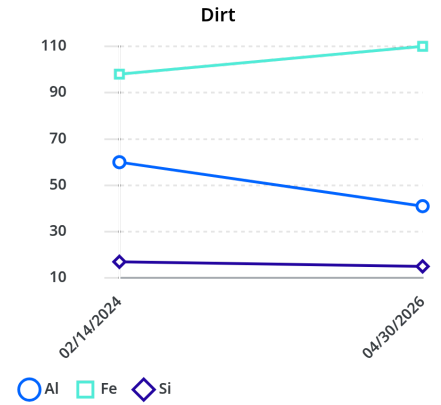
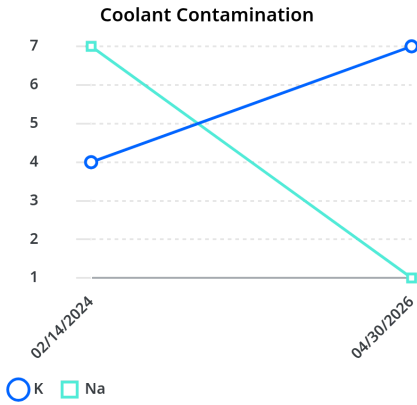
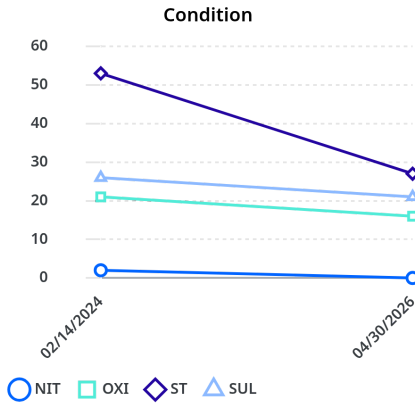
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