

### **PROBLEM SUMMARY**

### Sample Rating Trend

### VIS DEBRIS

VIS DEBNIS

# TDSH163L

Component

**Refrigeration Compressor** 

FRICK COMPRESSOR OIL #3 (--- GAL)

### **COMPONENT CONDITION SUMMARY**

No relevant graphs to display

### RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

PROBLEMATIC T	EST RE	SULTS				
Sample Status				ABNORMAL	NORMAL	ATTENTION
Debris	scalar	*Visual	NONE	MODER	LIGHT	NONE

Customer Id: AMEITT Sample No.: USP0001844 Lab Number: 05962930 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Doug Bogart +1 (800)237-1369 x4016 dougb@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

### **RECOMMENDED ACTIONS**

Action	Status	Date	Done By	Description
Change Filter			?	We recommend you service the filters on this component.
Alert			?	We were unable to perform a particle count due to a high concentration of particles present in this sample.

### HISTORICAL DIAGNOSIS

### 13 Jun 2023 Diag: Doug Bogart

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



### 28 Feb 2023 Diag: Doug Bogart

ISO



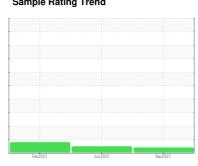
Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of silt (particulates < 6 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





### **OIL ANALYSIS REPORT**

Sample Rating Trend



### **VIS DEBRIS**



## TDSH163L

**Refrigeration Compressor** 

FRICK COMPRESSOR OIL #3 (--- GAL)

### **DIAGNOSIS**

#### Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

### Wear

All component wear rates are normal.

#### Contamination

Moderate concentration of visible dirt/debris present in the oil.

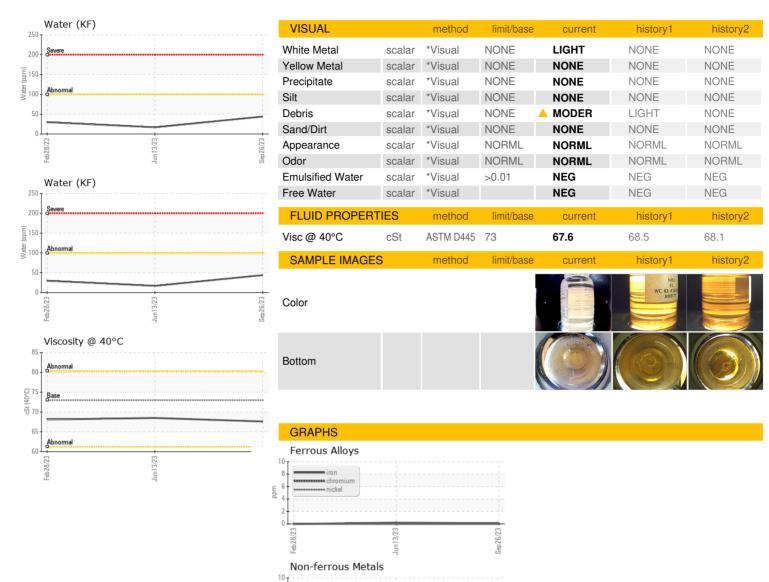
### **Fluid Condition**

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

Sample Number   Client Info   USP0001844   USP244537   USP250571   Sample Date   Client Info   26 Sep 2023   13 Jun 2023   28 Feb 2023   28			Fel	52023	Jun2023 Sep20	23		
Sample Date	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2	
Machine Age   hrs   Client Info   0   0   0   0   0   0   0   0   0	Sample Number		Client Info		USP0001844	USP244537	USP250571	
Oil Age         hrs         Client Info         0         0         0           Oil Changed         Client Info         N/A         N/A         N/A         N/A           Sample Status         Method         Imitibase         Current         history1         history1           WEAR METALS         method         Imitibase         current         history1         history2           Irion         ppm         ASTM D5185m         2         0         0         0           Chromium         ppm         ASTM D5185m         >2         0         0         0           Nickel         ppm         ASTM D5185m         >2         0         0         0           Silver         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >8         <1         0         0           Lead         ppm         ASTM D5185m         >8         <1         0         0           Copper         ppm         ASTM D5185m         0         0         0         0	Sample Date		Client Info		26 Sep 2023	13 Jun 2023	28 Feb 2023	
Oil Changed Sample Status	Machine Age	hrs	Client Info		0	0	0	
Sample Status         ABNORMAL         NORMAL         ATTENTION           WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >8         <1	Oil Age	hrs	Client Info		0	0	0	
WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >8         <1	Oil Changed		Client Info		N/A	N/A	N/A	
Iron	Sample Status				ABNORMAL	NORMAL	ATTENTION	
Chromium         ppm         ASTM D5185m         >2         0         0         0           Nickel         ppm         ASTM D5185m         0         0         0           Tittanium         ppm         ASTM D5185m         <1         0         0           Silver         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >3         0         0         0           Lead         ppm         ASTM D5185m         >2         0         0         0           Copper         ppm         ASTM D5185m         >8         <1         0         0           Chandium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         0         0           Barium         ppm         ASTM D5185m         0         0         0         0           Barium	WEAR METALS		method	limit/base	current	history1	history2	
Nickel ppm ASTM D5185m	Iron	ppm	ASTM D5185m	>8	<1	<1	0	
Titanium	Chromium	ppm	ASTM D5185m	>2	0	0	0	
Silver	Nickel	ppm	ASTM D5185m		0	0	0	
Aluminum   ppm   ASTM D5185m   >3   0   0   0   0   0   0   0   0   0	Titanium	ppm	ASTM D5185m		<1	0	0	
Lead         ppm         ASTM D5185m         >2         0         0         0           Copper         ppm         ASTM D5185m         >8         <1         0         0           Tin         ppm         ASTM D5185m         >4         0         0         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           Boron         ppm         ASTM D5185m         0         0         0         0           Barium         ppm         ASTM D5185m         0         0         0         0           Molybdenum         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m         0         0         0         0           Calcium         ppm         ASTM D5185m         0         0         0         0           Phosphorus         ppm         ASTM D5185m         0         0         0         0 <td>Silver</td> <td>ppm</td> <td>ASTM D5185m</td> <td>&gt;2</td> <td>0</td> <td>0</td> <td>0</td>	Silver	ppm	ASTM D5185m	>2	0	0	0	
Copper         ppm         ASTM D5185m         >8         <1         0         0           Tin         ppm         ASTM D5185m         >4         0         0         0           Vanadium         ppm         ASTM D5185m         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         0         0           Barium         ppm         ASTM D5185m         0         0         0         0           Molybdenum         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m         0         0         0         0           Calcium         ppm         ASTM D5185m         0         0         0         0           Zinc         ppm         ASTM D5185m         0         0         0         0           Sulfur         ppm         ASTM D5185m         0         0         0         0	Aluminum	ppm	ASTM D5185m	>3	0	0	0	
Tin	Lead	ppm	ASTM D5185m	>2	0	0	0	
Tin	Copper	ppm	ASTM D5185m	>8	<1	0	0	
Cadmium         ppm         ASTM D5185m         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         0         0           Barium         ppm         ASTM D5185m         0         0         0         0           Molybdenum         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m         0         0         0         0           Calcium         ppm         ASTM D5185m         0         0         0         0           Phosphorus         ppm         ASTM D5185m         0         0         0         0           Zinc         ppm         ASTM D5185m         0         0         0         0           Zinc         ppm         ASTM D5185m         0         12         0           CONTAMINANTS         method         limit/base         current         history1         history2           Sili	Tin		ASTM D5185m	>4	0	0	0	
ADDITIVES	Vanadium	ppm	ASTM D5185m		0	0	0	
Boron ppm ASTM D5185m 0 0 0 0  Barium ppm ASTM D5185m 0 0 0 0  Molybdenum ppm ASTM D5185m 0 0 0 0  Manganese ppm ASTM D5185m 0 0 0 0  Manganesium ppm ASTM D5185m 0 0 0 0  Calcium ppm ASTM D5185m 0 0 0 0  Calcium ppm ASTM D5185m 0 0 0 0  Phosphorus ppm ASTM D5185m 0 0 0 0  Zinc ppm ASTM D5185m 0 0 0 0  Sulfur ppm ASTM D5185m 0 0 0 0  CONTAMINANTS method limit/base current history1 history2  Silicon ppm ASTM D5185m 0 0 0 0  CONTAMINANTS method limit/base current history1 nistory2  Briticles → ASTM D5185m 0 0 0 0  Water % ASTM D5185m > 20 0 1 0  Water % ASTM D6304 > 0.01 0.004 0.002 0.003  ppm Water ppm ASTM D6304 > 1.00 44.0 16.9 29.9  FLUID CLEANLINESS method limit/base current history1 history2  Particles > 4μm ASTM D7647 > 2500 1624 2368  Particles > 21μm ASTM D7647 > 320 77 57  Particles > 21μm ASTM D7647 > 320 11 1 7  Particles > 21μm ASTM D7647 > 20 11 1 7  Particles > 38μm ASTM D7647 > 20 11 1 7  Particles > 71μm ASTM D7647 > 20 11 0 0  Oil Cleanliness ISO 4406 (c) > 20/18/15 20/18/13 1 21/18/13  FLUID DEGRADATION method limit/base current history1 history2	Cadmium	ppm	ASTM D5185m		0	0	0	
Barium         ppm         ASTM D5185m         0         0         0           Molybdenum         ppm         ASTM D5185m         0         0         0           Magnesium         ppm         ASTM D5185m         0         0         0           Magnesium         ppm         ASTM D5185m         0         0         0           Calcium         ppm         ASTM D5185m         0         0         0           Phosphorus         ppm         ASTM D5185m         0         0         0           Zinc         ppm         ASTM D5185m         0         0         0           Sulfur         ppm         ASTM D5185m         0         12         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         0         1         1         1           Sodium         ppm         ASTM D5185m         >15         0         <1         <1         1           Sodium         ppm         ASTM D5185m         >20         0         1         0         0           Water         %         ASTM D5185m         >20 <td>ADDITIVES</td> <td></td> <td>method</td> <td>limit/base</td> <td>current</td> <td>history1</td> <td>history2</td>	ADDITIVES		method	limit/base	current	history1	history2	
Molybdenum         ppm         ASTM D5185m         0         0         0           Manganese         ppm         ASTM D5185m         <1         0         <1           Magnesium         ppm         ASTM D5185m         0         0         0           Calcium         ppm         ASTM D5185m         0         0         0           Phosphorus         ppm         ASTM D5185m         0         0         0           Zinc         ppm         ASTM D5185m         0         0         0           Sulfur         ppm         ASTM D5185m         0         0         0           Sulfur         ppm         ASTM D5185m         0         12         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         0         <1         <1           Sodium         ppm         ASTM D5185m         0         <1         <1           Sodium         ppm         ASTM D5185m         0         <1         <1           Water         %         ASTM D5185m         0         0         <1         <0 <th co<="" td=""><td>Boron</td><td>ppm</td><td>ASTM D5185m</td><td></td><td>0</td><td>0</td><td>0</td></th>	<td>Boron</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <td>0</td> <td>0</td> <td>0</td>	Boron	ppm	ASTM D5185m		0	0	0
Manganese         ppm         ASTM D5185m         <1         0         <1           Magnesium         ppm         ASTM D5185m         0         0         0           Calcium         ppm         ASTM D5185m         0         0         0           Phosphorus         ppm         ASTM D5185m         0         0         0           Zinc         ppm         ASTM D5185m         0         0         0           Sulfur         ppm         ASTM D5185m         0         12         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         0         0         0         0           Sodium         ppm         ASTM D5185m         0         0         0         0           Potassium         ppm         ASTM D5185m         >20         0         1         0           Water         %         ASTM D5185m         >20         0         1         0           Water         %         ASTM D5185m         >20         0         1         0           Particles >4µm         ASTM D6304         >0.01 <td< td=""><td>Barium</td><td>ppm</td><td>ASTM D5185m</td><td></td><td>0</td><td>0</td><td>0</td></td<>	Barium	ppm	ASTM D5185m		0	0	0	
Magnesium         ppm         ASTM D5185m         0         0         0           Calcium         ppm         ASTM D5185m         0         0         0           Phosphorus         ppm         ASTM D5185m         0         0         0           Zinc         ppm         ASTM D5185m         0         0         0           Sulfur         ppm         ASTM D5185m         0         12         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >15         0         <1         <1           Sodium         ppm         ASTM D5185m         >0         0         0         0           Potassium         ppm         ASTM D5185m         >20         0         1         0           Water         %         ASTM D5185m         >20         0         1         0           Water         %         ASTM D5185m         >20         0         1         0           Water         %         ASTM D6304         >0.01         0.004         0.002         0.003           Particles > 4µm         ASTM D7647	Molybdenum	ppm	ASTM D5185m		0	0	0	
Calcium         ppm         ASTM D5185m         0         0         0           Phosphorus         ppm         ASTM D5185m         0         0         0           Zinc         ppm         ASTM D5185m         0         0         0           Sulfur         ppm         ASTM D5185m         0         12         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >15         0         <1         <1           Sodium         ppm         ASTM D5185m         >15         0         0         0         0           Potassium         ppm         ASTM D5185m         >20         0         1         0           Water         %         ASTM D5185m         >20         0         1         0           Water         %         ASTM D5185m         >20         0         1         0           Water         %         ASTM D5185m         >20         0         1         0           Particles > 4µm         ASTM D6304         >0.01         0.004         0.002         0.003           Particles > 4µm	Manganese	ppm	ASTM D5185m		<1	0	<1	
Phosphorus         ppm         ASTM D5185m         0         0         0           Zinc         ppm         ASTM D5185m         0         0         0           Sulfur         ppm         ASTM D5185m         0         12         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >15         0         <1         <1           Sodium         ppm         ASTM D5185m         >20         0         1         0           Potassium         ppm         ASTM D5185m         >20         0         1         0           Water         %         ASTM D5185m         >20         0         1         0           Particles >4µm         ASTM D6304         >0.01         0.004         0.002         0.003           FLUID CLEANLINES	Magnesium	ppm	ASTM D5185m		0	0	0	
Zinc	Calcium	ppm	ASTM D5185m		0	0	0	
Sulfur         ppm         ASTM D5185m         0         12         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >15         0         <1	Phosphorus	ppm	ASTM D5185m		0	0	0	
CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >15         0         <1	Zinc	ppm	ASTM D5185m		0	0	0	
Silicon         ppm         ASTM D5185m         >15         0         <1         <1           Sodium         ppm         ASTM D5185m         0         0         0         0           Potassium         ppm         ASTM D5185m         >20         0         1         0           Water         %         ASTM D6304         >0.01         0.004         0.002         0.003           ppm Water         ppm         ASTM D6304         >100         44.0         16.9         29.9           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         >10000          5706         10251           Particles >6μm         ASTM D7647         >320          77         57           Particles >21μm         ASTM D7647         >80          11         7           Particles >38μm         ASTM D7647         >4          1         0           Particles >71μm         ASTM D7647         >4          0         0           Oil Cleanliness         ISO 4406 (c)         >20/18/15          0	Sulfur	ppm	ASTM D5185m		0	12	0	
Sodium         ppm         ASTM D5185m         0         0         0           Potassium         ppm         ASTM D5185m         >20         0         1         0           Water         %         ASTM D6304         >0.01         0.004         0.002         0.003           ppm Water         ppm         ASTM D6304         >100         44.0         16.9         29.9           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         >10000          5706         10251           Particles >6μm         ASTM D7647         >2500          1624         2368           Particles >14μm         ASTM D7647         >320          77         57           Particles >21μm         ASTM D7647         >80          11         7           Particles >71μm         ASTM D7647         >4          0         0           Oil Cleanliness         ISO 4406 (c)         >20/18/15          20/18/13         ≥1/18/13	CONTAMINANTS	3	method	limit/base	current	history1	history2	
Potassium         ppm         ASTM D5185m         >20         0         1         0           Water         %         ASTM D6304         >0.01         0.004         0.002         0.003           ppm Water         ppm         ASTM D6304         >100         44.0         16.9         29.9           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         >10000          5706         10251           Particles >6μm         ASTM D7647         >2500          1624         2368           Particles >14μm         ASTM D7647         >320          77         57           Particles >21μm         ASTM D7647         >80          11         7           Particles >38μm         ASTM D7647         >4          0         0           Particles >71μm         ASTM D7647         >4          0         0           Oil Cleanliness         ISO 4406 (c)         >20/18/15          1         history1         history2	Silicon	ppm	ASTM D5185m	>15	0	<1	<1	
Water         %         ASTM D6304 > 0.01         0.004         0.002         0.003 on 0.003           opm Water         ppm         ASTM D6304 > 100         44.0         16.9         29.9           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647 > 10000          5706         ▲ 10251           Particles >6μm         ASTM D7647 > 2500          1624         2368           Particles >14μm         ASTM D7647 > 320          77         57           Particles >21μm         ASTM D7647 > 80          11         7           Particles >38μm         ASTM D7647 > 20          1         0           Particles >71μm         ASTM D7647 > 4          0         0           Oil Cleanliness         ISO 4406 (c) > 20/18/15          0         0           FLUID DEGRADATION         method         limit/base         current         history1         history2	Sodium	ppm	ASTM D5185m		0	0	0	
ppm Water         ppm ASTM D6304         >100         44.0         16.9         29.9           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         >10000          5706         ▲ 10251           Particles >6μm         ASTM D7647         >2500          1624         2368           Particles >14μm         ASTM D7647         >320          77         57           Particles >21μm         ASTM D7647         >80          11         7           Particles >38μm         ASTM D7647         >20          1         0           Particles >71μm         ASTM D7647         >4          0         0           Oil Cleanliness         ISO 4406 (c)         >20/18/15          1story1         history2	Potassium	ppm	ASTM D5185m	>20	0	1	0	
ppm Water         ppm ASTM D6304         >100         44.0         16.9         29.9           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4μm         ASTM D7647         >10000          5706         ▲ 10251           Particles >6μm         ASTM D7647         >2500          1624         2368           Particles >14μm         ASTM D7647         >320          77         57           Particles >21μm         ASTM D7647         >80          11         7           Particles >38μm         ASTM D7647         >20          1         0           Particles >71μm         ASTM D7647         >4          0         0           Oil Cleanliness         ISO 4406 (c)         >20/18/15          1story1         history2	Water	%	ASTM D6304	>0.01	0.004	0.002	0.003	
Particles >4μm       ASTM D7647       >10000        5706       ▲ 10251         Particles >6μm       ASTM D7647       >2500        1624       2368         Particles >14μm       ASTM D7647       >320        77       57         Particles >21μm       ASTM D7647       >80        11       7         Particles >38μm       ASTM D7647       >20        1       0         Particles >71μm       ASTM D7647       >4        0       0         Oil Cleanliness       ISO 4406 (c)       >20/18/15        20/18/13       21/18/13         FLUID DEGRADATION       method       limit/base       current       history1       history2	ppm Water	ppm			44.0	16.9	29.9	
Particles >6μm       ASTM D7647       >2500        1624       2368         Particles >14μm       ASTM D7647       >320        77       57         Particles >21μm       ASTM D7647       >80        11       7         Particles >38μm       ASTM D7647       >20        1       0         Particles >71μm       ASTM D7647       >4        0       0         Oil Cleanliness       ISO 4406 (c)       >20/18/15        20/18/13       Δ       21/18/13         FLUID DEGRADATION       method       limit/base       current       history1       history2	FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2	
Particles >14μm       ASTM D7647       >320        77       57         Particles >21μm       ASTM D7647       >80        11       7         Particles >38μm       ASTM D7647       >20        1       0         Particles >71μm       ASTM D7647       >4        0       0         Oil Cleanliness       ISO 4406 (c)       >20/18/15        20/18/13       Δ       21/18/13         FLUID DEGRADATION       method       limit/base       current       history1       history2	Particles >4µm		ASTM D7647	>10000		5706	<u> </u> 10251	
Particles >21μm         ASTM D7647         >80          11         7           Particles >38μm         ASTM D7647         >20          1         0           Particles >71μm         ASTM D7647         >4          0         0           Oil Cleanliness         ISO 4406 (c)         >20/18/15          20/18/13         Δ 21/18/13           FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >6µm		ASTM D7647	>2500		1624	2368	
Particles >38μm         ASTM D7647         >20          1         0           Particles >71μm         ASTM D7647         >4          0         0           Oil Cleanliness         ISO 4406 (c)         >20/18/15          20/18/13         Δ 21/18/13           FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >14μm		ASTM D7647	>320		77	57	
Particles >71μm         ASTM D7647         >4          0         0           Oil Cleanliness         ISO 4406 (c)         >20/18/15          20/18/13         ▲ 21/18/13           FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >21μm		ASTM D7647	>80		11	7	
Oil Cleanliness         ISO 4406 (c)         >20/18/15          20/18/13         ▲ 21/18/13           FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >38μm		ASTM D7647	>20		1	0	
Oil Cleanliness         ISO 4406 (c)         >20/18/15          20/18/13         ▲ 21/18/13           FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >71μm		ASTM D7647	>4		0	0	
	Oil Cleanliness		ISO 4406 (c)	>20/18/15		20/18/13	<b>2</b> 1/18/13	
Acid Number (AN) mg KOH/g ASTM D974 0.014 0.015 0.015	FLUID DEGRADA	ATION	method	limit/base	current	history1	history2	
	Acid Number (AN)	mg KOH/g	ASTM D974		0.014	0.015	0.015	



### **OIL ANALYSIS REPORT**







Certificate L2367

Laboratory Sample No. Lab Number **Unique Number** Test Package

: USP0001844 : 05962930

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

: 10669481 : IND 2

Viscosity @ 40°C

: 27 Sep 2023 Received Diagnosed : 28 Sep 2023 Diagnostician : Doug Bogart

**AMEICA'S CATCH INC** 46623 COUNTY RD 523

Jun13/23

ITTA BENA, MS US 38941

Contact: SHANE CARPENTER

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Jun13/23

T: (870)692-7712

Acid Number

0.02 (mg KOH/g) 0.01 0.01 0.00 G

F: