

### **OIL ANALYSIS REPORT**

# UTILITIES [99012636] GSC-10 (S/N 749756)

**Screw Compressor** Fluid CAMCO 717 SC (--- GAL)

#### DIAGNOSIS

#### Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

#### Wear

Area

All component wear rates are normal.

#### Contamination

There is a moderate 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.

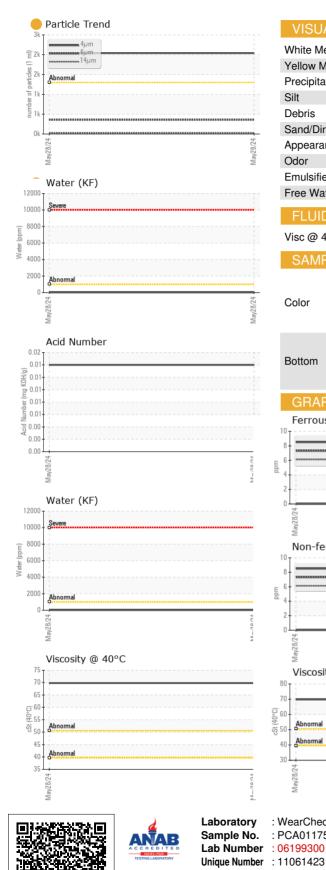
Sample Date         Client Info         28 May 2024             Machine Age         hrs         Client Info         37714             Oil Age         hrs         Client Info         0             Sample Status         Client Info         N/A             WEAR METALS         method         Imit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >-60         0             Titanium         ppm         ASTM D5185m         >-60         0             Silver         ppm         ASTM D5185m         >-5         0             Aluminum         ppm         ASTM D5185m         >10         0             Aluminum         ppm         ASTM D5185m         >10         0             Cadmium         ppm         ASTM D5185m         >10         0             Mandaum         ppm         ASTM D5185m         0							
SAMPLE INFORMATION         method         limit/base         current         history1         history2           Sample Date         Client Info         28 May 2024							
Sample Number         Client Info         PCA0117519             Sample Date         Client Info         28 May 2024             Machine Age         hrs         Client Info         0             Oil Ghanged         Client Info         0              Oil Changed         Client Info         N/A              Sample Status         Imitibase         current         history1         history2           Korn         ppm         ASTM 05155m         0             Nickel         ppm         ASTM 05155m         0             Silver         ppm         ASTM 05155m         0             Aluminum         ppm         ASTM 05155m         10             Aluminum         ppm         ASTM 05155m         10             Aluminum         ppm         ASTM 05155m         0             Astm 05155m         0              Astm 05155m         0 <th></th> <th></th> <th></th> <th></th> <th>May2024</th> <th></th> <th></th>					May2024		
Sample Number         Client Info         PCA0117519             Sample Date         Client Info         28 May 2024             Machine Age         hrs         Client Info         0             Oil Ghanged         Client Info         0              Oil Changed         Client Info         N/A              Sample Status         Imitibase         current         history1         history2           Korn         ppm         ASTM 05155m         0             Nickel         ppm         ASTM 05155m         0             Silver         ppm         ASTM 05155m         0             Aluminum         ppm         ASTM 05155m         10             Aluminum         ppm         ASTM 05155m         10             Aluminum         ppm         ASTM 05155m         0             Astm 05155m         0              Astm 05155m         0 <th></th> <th></th> <th>mothod</th> <th>limit/booo</th> <th>ourropt</th> <th>biotory (1</th> <th>history?</th>			mothod	limit/booo	ourropt	biotory (1	history?
Sample Date         Client Info         28 May 2024             Machine Age         hrs         Client Info         37714             Oil Age         hrs         Client Info         0             Sample Status         Client Info         N/A             WEAR METALS         method         Imit/base         current         history1         History2           Iron         ppm         ASTM 05185m         >60         0             Nickel         ppm         ASTM 05185m         >60         0             Titanium         ppm         ASTM 05185m         0              Silver         ppm         ASTM 05185m         >5         0             Cadmium         ppm         ASTM 05185m         >10         0             Vanadium         ppm         ASTM 05185m         0             ADDITVES         method         Imit/base         current         history1         History2           Readimum         ppm			methoa	iimii/base	current	nistory i	nistory2
Machine Age         hrs         Client Info         37714             Oil Apage         hrs         Client Info         0             Sample Status         ATTENTION              WEAR METALS         method         Imit/base         current         history1         history2           Iron         ppm         ASTM 05185n         >60         0             Nickel         ppm         ASTM 05185n         0              Silver         ppm         ASTM 05185n         >5         0             Aluminum         ppm         ASTM 05185n         >5         0             Copper         ppm         ASTM 05185n         >10         0             Vanadium         ppm         ASTM 05185n         0              Boron         ppm         ASTM 05185n         0              Malgenesium         ppm         ASTM 05185n         0	Sample Number		Client Info		PCA0117519		
Oil Age         hrs         Client Info         0             Oil Changed         Client Info         N/A             WEAR METALS         method         Imitibase         current         history1         history2           Iron         ppm         ASTM D5185m         >40         0             Nickel         ppm         ASTM D5185m         >4         0             Nickel         ppm         ASTM D5185m         0              Aurminum         ppm         ASTM D5185m         >10         0             Aurminum         ppm         ASTM D5185m         >10         0             Aurminum         ppm         ASTM D5185m         >10         0             Aurminum         ppm         ASTM D5185m         >10         0             Astm D5185m         0               ASTM D5185m         0              Manadum	Sample Date		Client Info		28 May 2024		
Oil Changed         Client Info         N/A             Sample Status         Matternion         ATTERTION             WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185n         >60         0             Chromium         ppm         ASTM D5185n         >60         0             Nickel         ppm         ASTM D5185n         0              Aluminum         ppm         ASTM D5185n         >5         0             Lead         ppm         ASTM D5185n         >10         0             Adminum         ppm         ASTM D5185n         >15         0             Admadum         ppm         ASTM D5185n         0              ADDITIVES         method         Imit/base         current         history1         history2           Boron         ppm         ASTM D5185n         0	Machine Age	hrs			37714		
Sample Status         ATTENTION             WEAR METALS         method         Imit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >60         0             Chromium         ppm         ASTM D5185m         >4         0             Nickel         ppm         ASTM D5185m         >4         0             Silver         ppm         ASTM D5185m         >5         0             Aluminum         ppm         ASTM D5185m         >5         0             Aluminum         ppm         ASTM D5185m         >10         0             Copper         ppm         ASTM D5185m         >10         0             ADDITIVES         method         Imit/base         current         history1         history2           Barium         ppm         ASTM D5185m         0             Molybdenum         ppm         ASTM D5185m         0	Oil Age	hrs	Client Info		0		
WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM 05165m         >60         0             Nickel         ppm         ASTM 05165m         Q              Nickel         ppm         ASTM 05165m         Q              Aluminum         ppm         ASTM 05165m         S0              Aduminum         ppm         ASTM 05165m         >5         Q             Lead         ppm         ASTM 05165m         >55         Q             ASTM 05165m         >10         Q               Vanadum         ppm         ASTM 05165m         Q              ASTM 05165m         S0                Vanadum         ppm         ASTM 05165m         Q              ADDITTIVES         method         Imit/bas	-		Client Info				
Iron         ppm         ASTM D5185m         >60         0             Chromium         ppm         ASTM D5185m         0             Nickel         ppm         ASTM D5185m         0             Silver         ppm         ASTM D5185m         0             Aluminum         ppm         ASTM D5185m         >5         0             Aluminum         ppm         ASTM D5185m         >5         0             Aluminum         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         >10         0             ADDITIVES         method         imit/base         current         history1         history2           Baron         ppm         ASTM D5185m         0             Maganesium         ppm         ASTM D5185m         0             Maganesium         ppm         ASTM D5185m         0             Stoppm         ASTM D518	Sample Status				ATTENTION		
Iron         ppm         ASTM D5185m         >60         0             Chromium         ppm         ASTM D5185m         0             Nickel         ppm         ASTM D5185m         0             Silver         ppm         ASTM D5185m         0             Aluminum         ppm         ASTM D5185m         >5         0             Aluminum         ppm         ASTM D5185m         >5         0             Aluminum         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         >10         0             ADDITIVES         method         imit/base         current         history1         history2           Baron         ppm         ASTM D5185m         0             Maganesium         ppm         ASTM D5185m         0             Maganesium         ppm         ASTM D5185m         0             Stoppm         ASTM D518	WEAR METAL	.S	method	limit/base	current	history1	history2
Dromium         ppm         ASTM D5185m         >4         0             Nickel         ppm         ASTM D5185m         0             Silver         ppm         ASTM D5185m         0             Aluminum         ppm         ASTM D5185m         >5         0             Lead         ppm         ASTM D5185m         >10         0             Adaminum         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         >10         0             Adaminum         ppm         ASTM D5185m         0              Adaminum         ppm         ASTM D5185m         0              Adaminum         ppm         ASTM D5185m         0              Adaminum         ppm         ASTM D5185m         0              Adaminum         ppm         ASTM D5185m         0			ASTM D5185m	<u>&gt;60</u>	0		
Nickel         ppm         ASTM D5185m         0             Titanium         ppm         ASTM D5185m         0             Aluminum         ppm         ASTM D5185m         >5         0             Aluminum         ppm         ASTM D5185m         >50         0             Lead         ppm         ASTM D5185m         >30         0             Copper         ppm         ASTM D5185m         >30         0             Vanadium         ppm         ASTM D5185m         >5         0             ADDITIVES         method         imit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0             Maganese         ppm         ASTM D5185m         0             Magnesium         ppm         ASTM D5185m         0             Sufgresium         ppm         ASTM D5185m         0	-				-		
Titanium       ppm       ASTM D5185m       0           Silver       ppm       ASTM D5185m       0           Aluminum       ppm       ASTM D5185m       >5       0           Aluminum       ppm       ASTM D5185m       >10       0           Copper       ppm       ASTM D5185m       >10       0           Vanadium       ppm       ASTM D5185m       >15       0           Cadmium       ppm       ASTM D5185m       0            ADDITIVES       method       limit/base       current       history1       history2         Boron       ppm       ASTM D5185m       0            Magnesse       ppm       ASTM D5185m       0            Magnesse       ppm       ASTM D5185m       0            Calcium       ppm       ASTM D5185m       0             Calcium       ppm       ASTM D5185m       0 <td< td=""><td></td><td></td><td></td><td>24</td><td>-</td><td></td><td></td></td<>				24	-		
Silver         ppm         ASTM D5185m         0             Aluminum         ppm         ASTM D5185m         >5         0             Aluminum         ppm         ASTM D5185m         >10         0             Copper         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         15         0             Vanadium         ppm         ASTM D5185m         0              Vanadium         ppm         ASTM D5185m         0              ADDITVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0             Magnesium         ppm         ASTM D5185m         0             Magnesium         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0					-		
Auminum         ppm         ASTM D5185m         >5         0             Lead         ppm         ASTM D5185m         >10         0             Copper         ppm         ASTM D5185m         >30         0             Vanadium         ppm         ASTM D5185m         0              ADDITIVES         method         limit/base         current         history1         history2           Barium         ppm         ASTM D5185m         0             Maganese         ppm         ASTM D5185m         0             Magnesium         ppm         ASTM D5185m         0             Vanganese         ppm         ASTM D5185m         0             Vanganese         ppm         ASTM D5185m         0             Vanganese         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0        Sulfur         ppm         ASTM D5185m <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td>					-		
Lead         ppm         ASTM D5185m         >10         0             Copper         ppm         ASTM D5185m         >30         0             Vanadium         ppm         ASTM D5185m         >15         0             Vanadium         ppm         ASTM D5185m         0              ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0             Maganese         ppm         ASTM D5185m         0             Magnese         ppm         ASTM D5185m         0             Magnese         ppm         ASTM D5185m         0             Magnese         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             Solium         ppm         ASTM D5185m <td></td> <td></td> <td></td> <td>&gt;5</td> <td>-</td> <td></td> <td></td>				>5	-		
Copper         ppm         ASTM D5185m         >30         0             Tin         ppm         ASTM D5185m         >15         0             Vanadium         ppm         ASTM D5185m         0              ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0             Molybdenum         ppm         ASTM D5185m         0             Maganese         ppm         ASTM D5185m         0             Maganese         ppm         ASTM D5185m         0             Maganese         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0					-		
Tin         ppm         ASTM D5185m         >15         0             Vanadium         ppm         ASTM D5185m         0              Cadmium         ppm         ASTM D5185m         0              ADDITIVES         method         limit/base         current         history1         ristory2           Boron         ppm         ASTM D5185m         0             Barium         ppm         ASTM D5185m         0             Magaese         ppm         ASTM D5185m         0             Magaesium         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0					-		
Vanadium         ppm         ASTM D5185m         0             Cadmium         ppm         ASTM D5185m         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0             Barium         ppm         ASTM D5185m         0             Maganese         ppm         ASTM D5185m         0             Magnesium         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             Sodium         ppm         ASTM D5185m         0             Sodium         ppm         ASTM D5185m         1 <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td>					-		
Cadmium         ppm         ASTM D5185m         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0             Malganese         ppm         ASTM D5185m         0             Magnese         ppm         ASTM D5185m         0             Magnese         ppm         ASTM D5185m         0             Magnese         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             Sodium         ppm         ASTM D5185m         0             Sodium         ppm         ASTM D5185m         20         1 <td></td> <td></td> <td></td> <td>&gt;10</td> <td>-</td> <td></td> <td></td>				>10	-		
ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0             Barium         ppm         ASTM D5185m         0             Molybdenum         ppm         ASTM D5185m         0             Manganese         ppm         ASTM D5185m         0             Magnesium         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Phosphorus         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             Sodium         ppm         ASTM D5185m         0         1             Sodium         ppm         ASTM D5185m         >50         1             Sodium         ppm         ASTM D5185m         >20         <1					-		
Boron         ppm         ASTM D5185m         0             Barium         ppm         ASTM D5185m         0             Molybdenum         ppm         ASTM D5185m         0             Manganese         ppm         ASTM D5185m         0             Magnesium         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Zinc         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             Sodium         ppm         ASTM D5185m         >50         1             Sodium         ppm         ASTM D5185m         >20         <1	Cadmium	ррш	ASTIVI DOTODIII		U		
Barium         ppm         ASTM D5185m         0             Manganese         ppm         ASTM D5185m         0             Manganese         ppm         ASTM D5185m         0             Magnesium         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             Sodium         ppm         ASTM D5185m         >50         1             Sodium         ppm         ASTM D5185m         >20         <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum         ppm         ASTM D5185m         0            Manganese         ppm         ASTM D5185m         0             Magnesium         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Phosphorus         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >50         1             Sodium         ppm         ASTM D5185m         >20         <1	Boron	ppm	ASTM D5185m		0		
Manganese       ppm       ASTM D5185m       <1           Magnesium       ppm       ASTM D5185m       0           Calcium       ppm       ASTM D5185m       0           Phosphorus       ppm       ASTM D5185m       0           Zinc       ppm       ASTM D5185m       0           Sulfur       ppm       ASTM D5185m       0           Sulfur       ppm       ASTM D5185m       0           Solifur       ppm       ASTM D5185m       0           Solicon       ppm       ASTM D5185m       >50       1           Sodium       ppm       ASTM D5185m       >20       <1	Barium	ppm	ASTM D5185m		0		
Marganese         ppm         ASTM D5185m         <1             Magnesium         ppm         ASTM D5185m         0              Calcium         ppm         ASTM D5185m         0              Calcium         ppm         ASTM D5185m         0              Clacium         ppm         ASTM D5185m         0              Zinc         ppm         ASTM D5185m         0              Sulfur         ppm         ASTM D5185m         0              Solicon         ppm         ASTM D5185m         >50         1             Sodium         ppm         ASTM D5185m         >20         <1	Molybdenum	ppm	ASTM D5185m		0		
Magnesium         ppm         ASTM D5185m         0             Calcium         ppm         ASTM D5185m         0             Phosphorus         ppm         ASTM D5185m         0             Zinc         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >50         1             Sodium         ppm         ASTM D5185m         >20         <1	-		ASTM D5185m		<1		
Phosphorus         ppm         ASTM D5185m         0             Zinc         ppm         ASTM D5185m         0              Sulfur         ppm         ASTM D5185m         0              CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >50         1             Sodium         ppm         ASTM D5185m         >50         1             Sodium         ppm         ASTM D5185m         >20         <1	-	ppm	ASTM D5185m		0		
Phosphorus         ppm         ASTM D5185m         0             Zinc         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >50         1             Sodium         ppm         ASTM D5185m         >50         1             Sodium         ppm         ASTM D5185m         >20         <1             Sodium         ppm         ASTM D5185m         >20         <1             Potassium         ppm         ASTM D5185m         >20         <1             Water         %         ASTM D6304         >0.1         0.0002             FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         >1300         2040 <td>Calcium</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <td>0</td> <td></td> <td></td>	Calcium	ppm	ASTM D5185m		0		
Zinc         ppm         ASTM D5185m         0             Sulfur         ppm         ASTM D5185m         0             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >50         1             Sodium         ppm         ASTM D5185m         >50         1             Sodium         ppm         ASTM D5185m         >20         <1	Phosphorus		ASTM D5185m		0		
Sulfur         ppm         ASTM D5185m         0             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >50         1             Sodium         ppm         ASTM D5185m         >50         1             Potassium         ppm         ASTM D5185m         >20         <1			ASTM D5185m		0		
Silicon       ppm       ASTM D5185m       >50       1           Sodium       ppm       ASTM D5185m       >20       1           Potassium       ppm       ASTM D5185m       >20       <1           Water       %       ASTM D6304       >0.1       0.002           Water       %       ASTM D6304       >1000       16           ppm       ASTM D6304       >1000       16           FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       >320       359           Particles >6µm       ASTM D7647       >80       26           Particles >14µm       ASTM D7647       >20       11           Particles >21µm       ASTM D7647       >4       2           Particles >71µm       ASTM D7647       >3       0           Oil Cleanliness       ISO 4406 (c)       >17/15/13       18/16/12	Sulfur		ASTM D5185m		0		
Silicon       ppm       ASTM D5185m       >50       1           Sodium       ppm       ASTM D5185m       >20       1           Potassium       ppm       ASTM D5185m       >20       <1           Water       %       ASTM D6304       >0.1       0.002           Water       %       ASTM D6304       >1000       16           ppm       ASTM D6304       >1000       16           FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       >320       359           Particles >6µm       ASTM D7647       >80       26           Particles >14µm       ASTM D7647       >20       11           Particles >21µm       ASTM D7647       >4       2           Particles >71µm       ASTM D7647       >3       0           Oil Cleanliness       ISO 4406 (c)       >17/15/13       18/16/12	CONTAMINAN		method	limit/base	current	history1	history?
Sodium         ppm         ASTM D5185m         1             Potassium         ppm         ASTM D5185m         >20         <1						mistory	Thistoryz
Potassium         ppm         ASTM D5185m         >20         <1             Water         %         ASTM D6304         >0.1         0.002             opm         Water         ppm         ASTM D6304         >1000         16             FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         >1300         2040             Particles >6µm         ASTM D7647         >320         359             Particles >14µm         ASTM D7647         >80         26             Particles >14µm         ASTM D7647         >20         11             Particles >21µm         ASTM D7647         >4         2             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >17/15/13         18/16/12             FLUID DEGRADATION         method         limit/base         current         h				>50			
Water         %         ASTM D6304         >0.1         0.002             opm Water         ppm         ASTM D6304         >1000         16             FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         >1300         2040             Particles >6µm         ASTM D7647         >320         359             Particles >14µm         ASTM D7647         >80         26             Particles >21µm         ASTM D7647         >20         11             Particles >38µm         ASTM D7647         >4         2             Particles >38µm         ASTM D7647         >3         0             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >17/15/13         18/16/12             FLUID DEGRADATION         method         limit/base         current         history1         history2 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
oppm Water         ppm         ASTM D6304         >1000         16             FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         >1300         2040             Particles >6µm         ASTM D7647         >320         359             Particles >6µm         ASTM D7647         >80         26             Particles >14µm         ASTM D7647         >20         11             Particles >21µm         ASTM D7647         >20         11             Particles >38µm         ASTM D7647         >4         2             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >17/15/13         18/16/12             FLUID DEGRADATION         method         limit/base         current         history1         history2							
FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       >1300       2040           Particles >6µm       ASTM D7647       >320       359           Particles >6µm       ASTM D7647       >80       26           Particles >14µm       ASTM D7647       >20       11           Particles >21µm       ASTM D7647       >20       11           Particles >38µm       ASTM D7647       >4       2           Particles >71µm       ASTM D7647       >3       0           Oil Cleanliness       ISO 4406 (c)       >17/15/13       18/16/12           FLUID DEGRADATION       method       limit/base       current       history1       history2							
Particles >4µm       ASTM D7647       >1300       2040           Particles >6µm       ASTM D7647       >320       359           Particles >14µm       ASTM D7647       >80       26           Particles >21µm       ASTM D7647       >20       11           Particles >21µm       ASTM D7647       >20       11           Particles >38µm       ASTM D7647       >4       2           Particles >71µm       ASTM D7647       >3       0           Oil Cleanliness       ISO 4406 (c)       >17/15/13       18/16/12           FLUID DEGRADATION       method       limit/base       current       history1       history2	ppm Water	ppm	ASTM D6304	>1000	16		
Particles >6µm       ASTM D7647       >320       359           Particles >14µm       ASTM D7647       >80       26           Particles >21µm       ASTM D7647       >20       11           Particles >21µm       ASTM D7647       >20       11           Particles >38µm       ASTM D7647       >4       2           Particles >38µm       ASTM D7647       >3       0           Particles >71µm       ASTM D7647       >3       0           Oil Cleanliness       ISO 4406 (c)       >17/15/13       18/16/12           FLUID DEGRADATION       method       limit/base       current       history1       history2	FLUID CLEAN	LINESS	method	limit/base	current	history1	history2
Particles >6µm       ASTM D7647       >320       359           Particles >14µm       ASTM D7647       >80       26           Particles >21µm       ASTM D7647       >20       11           Particles >21µm       ASTM D7647       >20       11           Particles >38µm       ASTM D7647       >4       2           Particles >38µm       ASTM D7647       >3       0           Particles >71µm       ASTM D7647       >3       0           Oil Cleanliness       ISO 4406 (c)       >17/15/13       18/16/12           FLUID DEGRADATION       method       limit/base       current       history1       history2	Particles >4µm		ASTM D7647	>1300	<b>e</b> 2040		
Particles >21μm         ASTM D7647         >20         11             Particles >38μm         ASTM D7647         >4         2             Particles >37μm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >17/15/13         18/16/12             FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >6µm		ASTM D7647	>320	<u> </u>		
Particles >38μm         ASTM D7647         >4         2             Particles >71μm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >17/15/13         18/16/12             FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >14µm		ASTM D7647	>80	26		
Particles >71μm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >17/15/13         18/16/12             FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >21µm		ASTM D7647	>20	11		
Particles >71μm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >17/15/13         18/16/12             FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >38µm		ASTM D7647	>4	2		
Oil Cleanliness       ISO 4406 (c) >17/15/13       18/16/12           FLUID DEGRADATION       method       limit/base       current       history1       history2	Particles >71µm		ASTM D7647	>3	0		
	Oil Cleanliness		ISO 4406 (c)	>17/15/13	<b>e</b> 18/16/12		
			method		ourropt	history	history
Acid Number (AN) mg KOH/g ASTM D8045 0.014				minubase		TISLOTY 1	ThStory2
	Acid Number (AN)	mg KOH/g	ASTM D8045		0.014		

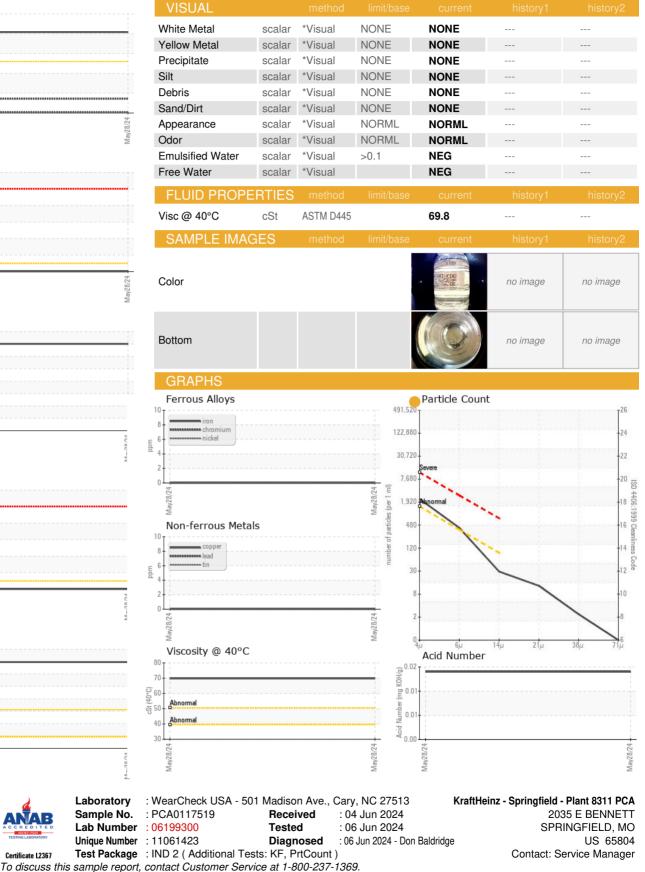
Sample Rating Trend

ISO



## **OIL ANALYSIS REPORT**





\* - 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)

Certificate 12367

Contact/Location: Service Manager - KRASPRMO

T:

F: