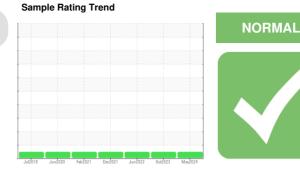


## **OIL ANALYSIS REPORT**





Machine Id

# KAESER FSD 450 5737288 (S/N 1204)

Component Compressor

Fluid KAESER SIGMA (OEM) S-460 (--- QTS)

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

### Fluid Condition

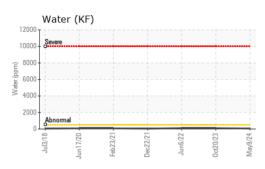
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

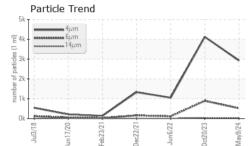
Sample Number         Client Info         VC 129440         KC 129430         KC 103328           Sample Date         Client Info         09 May 202         20 Cct 2023         06 Jun 2022           Machine Age         hrs         Client Info         38463         35182         259911           Oil Age         Client Info         1265         4322         0           Oil Changed         Client Info         No RMAL         No RMAL         No RMAL           WEAR METALS         method         Imitbase         Auron         No RMAL         No RMAL           Iron         ppm         ASTM 051555         >50         0         0         0           Totanium         ppm         ASTM 051555         >3         0         0         0           Silver         ppm         ASTM 051555         >3         0         0         0         0           Capper         ppm         ASTM 051555         >10         <1         0         0         0         0           Aurinum         ppm         ASTM 051555         >10         <1         0         0         0           Auronum         ppm         ASTM 051555         >10         <1         0         0	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Machine Age         hrs         Client Info         38463         35182         25991           Oil Age         hrs         Client Info         1265         4322         0           Oil Changed         Client Info         Changed         Not Changd         Not Changd           Sample Status         method         Imit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0         0         0           Nickel         ppm         ASTM D5185m         >3         0         0         0           Titanium         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >3         0         0         0           Copper         ppm         ASTM D5185m         >10         <1         0         0           Antimony         ppm         ASTM D5185m         >10         <1         0         0           Vanadium         ppm         ASTM D5185m         0         0         0         0           Antimony         ppm         ASTM D5185m         0         0         0         0	Sample Number		Client Info		KC129440	KCP49393	KC103328
Oil Age         hrs         Client Info         1265         4322         0           Oil Changed         Client Info         Changed         Not Changd         Changed           Sample Status         nethod         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0         0         0           Okted         ppm         ASTM D5185m         >3         0         0         0           Nickel         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >10         <1         0         0           Lead         ppm         ASTM D5185m         >10         <1         0         0           Copper         ppm         ASTM D5185m         >10         <1         0         0           Astm D5185m         >10         0         0         0         0         0           Astm D5185m         0         0         0         0         0         0           Carbinum         ppm         ASTM D5185m         0         0         0         0           Cadmium	Sample Date		Client Info		09 May 2024	20 Oct 2023	06 Jun 2022
Oil Changed Sample Status         Client Info         Changed NORMAL         Not Changed NORMAL         Changed NORMAL         Changed NORMAL         Changed NORMAL         Changed NORMAL         Changed NORMAL         Changed NORMAL         Normation           WEAR METALS         method         imit/base         current         history1         history2           Iron         ppm         ASTM D518m         >50         0         0         0           Chromium         ppm         ASTM D518m         >30         0         0         0           Nickel         ppm         ASTM D518m         >30         0         0         0           Aluminum         ppm         ASTM D518m         >10         <1         0         0         0           Lead         ppm         ASTM D518m         >10         <1         0         0         0           Antimony         ppm         ASTM D518m         0         0         0         0         0           Addium         ppm         ASTM D518m         0         0         0         0         0           Addium         ppm         ASTM D518m         0         0         0         0           Boron         ppm	Machine Age	hrs	Client Info		38463	35182	25991
Sample Status         method         Imil/base         current         NoRMAL         NORMAL         NORMAL           WEAR METALS         method         imil/base         current         history1         history2           Iron         ppm         ASTM D5165m         >50         0         0         0           Nickel         ppm         ASTM D5165m         >3         0         0         0           Silver         ppm         ASTM D5165m         >2         0         0         -1           Aluminum         ppm         ASTM D5165m         >2         0         0         -1           Aluminum         ppm         ASTM D5165m         >10         <1         0         0           Lead         ppm         ASTM D5165m         >50         8         4         4           Tin         ppm         ASTM D5165m         0         0         0         0           Cadmium         ppm         ASTM D5165m         0         0         0         0           AstM D5165m         0         0         0         0         0         0           AstM D5165m         90         1         4         0         0 <td< th=""><th>Oil Age</th><th>hrs</th><th>Client Info</th><th></th><th>1265</th><th>4322</th><th>0</th></td<>	Oil Age	hrs	Client Info		1265	4322	0
WEAR METALS         method         imit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0         0         0           Ohromium         ppm         ASTM D5185m         >3         0         0         0           Nickel         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >2         0         0         <1           Aluminum         ppm         ASTM D5185m         >10         <1         0         0           Lead         ppm         ASTM D5185m         >10         <1         0         0           Antimony         ppm         ASTM D5185m         >10         <1         0         0           Antimony         ppm         ASTM D5185m         0         0         0         0           Antimony         ppm         ASTM D5185m         0         0         0         0           Boron         ppm         ASTM D5185m         0         0         0         0           Magnaese         ppm         ASTM D5185m         2         0         0         0 <th>Oil Changed</th> <th></th> <th>Client Info</th> <th></th> <th>Changed</th> <th>Not Changd</th> <th>Changed</th>	Oil Changed		Client Info		Changed	Not Changd	Changed
Iron         ppm         ASTM D5185m         >50         0         0         0           Nickel         ppm         ASTM D5185m         >30         0         0         0           Nickel         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >3         0         0         0           Aluminum         ppm         ASTM D5185m         >10         <1	Sample Status				NORMAL	NORMAL	NORMAL
Chromium         ppm         ASTM D5185m         >10         0         0         0           Nickel         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >2         0         0         <1           ASTM D5185m         >10         <1         0         0         <1           Aluminum         ppm         ASTM D5185m         >10         <1         0         0           Lead         ppm         ASTM D5185m         >10         <1         0         0           Antimony         ppm         ASTM D5185m         >10         <1         0         0           Antimony         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0           Boron         ppm         ASTM D5185m         0         0         0         0           Magnaesium         ppm         ASTM D5185m         0         0         0         0           Magnaesium         ppm         ASTM D5185m         2         0         0         0	WEAR METALS		method	limit/base	current	history1	history2
Nickel         ppm         ASTM D5185m         >3         0         0         0           Titanium         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >2         0         0         <1           Aluminum         ppm         ASTM D5185m         >10         <1         0         0           Lead         ppm         ASTM D5185m         >50         8         4         4           Tin         ppm         ASTM D5185m         >50         8         4         4           Vanadium         ppm         ASTM D5185m         0         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           Magnesium         ppm         ASTM D5185m         0         0         0         0           Calcium         ppm         ASTM D5185m         2         0         0         0 <th>Iron</th> <th>ppm</th> <th>ASTM D5185m</th> <th>&gt;50</th> <th>0</th> <th>0</th> <th>0</th>	Iron	ppm	ASTM D5185m	>50	0	0	0
Titanium         ppm         ASTM D5185m         >3         0         0         0           Silver         ppm         ASTM D5185m         >2         0         <1           Aluminum         ppm         ASTM D5185m         >10         <1         0         0           Lead         ppm         ASTM D5185m         >10         <1         0         0         <1           Copper         ppm         ASTM D5185m         >10         <1         0         0         <1           Antimony         ppm         ASTM D5185m         >10         <1         0         0         0           Antimony         ppm         ASTM D5185m         0         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         0         0         0         0           ADDITIVES         method         Imit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         0         0           Molybdenum         ppm         ASTM D5185m         2         0         0         0           Maganesium         ppm         ASTM D	Chromium	ppm	ASTM D5185m	>10	0	0	0
Silver         ppm         ASTM D5185m         >2         0         0         <1	Nickel	ppm	ASTM D5185m	>3	0	0	0
Aluminum         ppm         ASTM D5185m         >10         <1	Titanium	ppm	ASTM D5185m	>3	0	0	0
Lead         ppm         ASTM D5185m         >10         0         0         <1	Silver	ppm	ASTM D5185m	>2	0	0	<1
Copper         ppm         ASTM D5185m         >50         8         4         4           Tin         ppm         ASTM D5185m         >10         <1         0         0           Antimony         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           Marganese         ppm         ASTM D5185m         90         0         8         2           Molybdenum         ppm         ASTM D5185m         90         1         4         0           Galcium         ppm         ASTM D5185m         90         1         4         0           Calcium         ppm         ASTM D5185m         2         0         0         0           Contradium         ppm         ASTM D5185m         2         0         0         1           Solitom         ppm         ASTM D5185m         25         <1         0         <1<	Aluminum	ppm	ASTM D5185m	>10	<1	0	0
Copper         ppm         ASTM D5185m         >50         8         4         4           Tin         ppm         ASTM D5185m         >10         <1         0         0           Antimony         ppm         ASTM D5185m         0         0         0         0           Vanadium         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           Malybdenum         ppm         ASTM D5185m         0         0         0         0           Marganese         ppm         ASTM D5185m         2         0         0         0           Magnesium         ppm         ASTM D5185m         2         0         0         0           Colcium         ppm         ASTM D5185m         2         0         0         0           Solicon         ppm         ASTM D5185m         25         <1         0         <1 <th>Lead</th> <th></th> <th>ASTM D5185m</th> <th>&gt;10</th> <th>0</th> <th>0</th> <th>&lt;1</th>	Lead		ASTM D5185m	>10	0	0	<1
Tin         ppm         ASTM D5185m         >10         <1	Copper	ppm	ASTM D5185m	>50	8	4	4
Antimony         ppm         ASTM D5185m              Vanadium         ppm         ASTM D5185m         0         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           Marganese         ppm         ASTM D5185m         2         0         0         0           Marganesium         ppm         ASTM D5185m         2         0         0         0           Contraminy         ppm         ASTM D5185m         2         0         0         0           Sodium         ppm         ASTM D5185m         2         <1         0         <1           Sodium         ppm         ASTM D5185m         2         <1         <1         <1           Vater			ASTM D5185m	>10	<1	0	0
Vanadium         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           Molybdenum         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m         90         1         4         0         0           Calcium         ppm         ASTM D5185m         2         0         0         0           Calcium         ppm         ASTM D5185m         2         0         0         0           Contraktion         ppm         ASTM D5185m         2         1         0         <1	Antimony		ASTM D5185m				
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         90         0         8         2           Molybdenum         ppm         ASTM D5185m         0         0         0           Manganese         ppm         ASTM D5185m         <1         0         0           Magnesium         ppm         ASTM D5185m         90         1         4         0           Calcium         ppm         ASTM D5185m         90         1         4         0           Calcium         ppm         ASTM D5185m         90         1         4         0           Calcium         ppm         ASTM D5185m         2         0         0         0           Silicon         ppm         ASTM D5185m         2         <1         0         <1           Sodium         ppm         ASTM D5185m         >20         <1         <1         <1           Vater			ASTM D5185m		0	0	0
ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0         0         0           Barium         ppm         ASTM D5185m         90         0         8         2           Molybdenum         ppm         ASTM D5185m         0         0         0         0           Magnesium         ppm         ASTM D5185m         <1         0         0         0           Magnesium         ppm         ASTM D5185m         2         0         0         0           Phosphorus         ppm         ASTM D5185m         2         0         0         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         2         <1         0         0           Sodium         ppm         ASTM D5185m         22         <1         0         0           Silicon         ppm         ASTM D5185m         20         <1         <1         0           Sodium         ppm         ASTM D5185m         20         <1         <1	Cadmium						
Barium         ppm         ASTM D5185m         90         0         8         2           Molybdenum         ppm         ASTM D5185m         0         0         0           Manganese         ppm         ASTM D5185m         <         1         0         0           Magnesium         ppm         ASTM D5185m         90         1         4         0           Calcium         ppm         ASTM D5185m         2         0         0         0           Phosphorus         ppm         ASTM D5185m         2         0         0         0           Zinc         ppm         ASTM D5185m         2         0         0         0         0           Sodium         ppm         ASTM D5185m         >25         <1         0         <1         0           Potassium         ppm         ASTM D5185m         >20         <1         <1         0           ppm Water         %         ASTM D6185m         >20         <1         <1         0           ppm Water         ppm         ASTM D6304         >0.05         0.006         0.010         0.010           particles >4µm         ASTM D7647         >1300         522		1-1-	_	limit/base	current	history1	history2
Barium         ppm         ASTM D5185m         90         0         8         2           Molybdenum         ppm         ASTM D5185m         0         0         0           Manganese         ppm         ASTM D5185m         <         1         0         0           Magnesium         ppm         ASTM D5185m         90         1         4         0           Calcium         ppm         ASTM D5185m         2         0         0         0           Phosphorus         ppm         ASTM D5185m         2         0         0         0           Zinc         ppm         ASTM D5185m         2         0         0         0         0           Sodium         ppm         ASTM D5185m         >25         <1         0         <1         0           Potassium         ppm         ASTM D5185m         >20         <1         <1         0           ppm Water         %         ASTM D6185m         >20         <1         <1         0           ppm Water         ppm         ASTM D6304         >0.05         0.006         0.010         0.010           particles >4µm         ASTM D7647         >1300         522	Boron	maa	ASTM D5185m		0	0	0
Molybdenum         ppm         ASTM D5185m         0         0         0           Manganese         ppm         ASTM D5185m         <<1         0         0           Magnesium         ppm         ASTM D5185m         90         1         4         0           Calcium         ppm         ASTM D5185m         2         0         0         0           Phosphorus         ppm         ASTM D5185m         2         0         0         0           Zinc         ppm         ASTM D5185m         2         0         0         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         <1         0         <1           Sodium         ppm         ASTM D5185m         >20         <1         <1         <1           Vater         %         ASTM D5185m         >20         <1         <1         <1           Water         %         ASTM D6304         >0.05         0.006         0.010         0.010           ppm         ASTM D647         2928         4122         1053         113 <t< th=""><th>Barium</th><th></th><th></th><th>90</th><th></th><th>8</th><th></th></t<>	Barium			90		8	
Manganese         ppm         ASTM D5185m         <1					-		
Magnesium         ppm         ASTM D5185m         90         1         4         0           Calcium         ppm         ASTM D5185m         2         0         0         0           Phosphorus         ppm         ASTM D5185m         2         0         0         0           Zinc         ppm         ASTM D5185m         2         0         0         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         <1         0         <1           Sodium         ppm         ASTM D5185m         >20         <1         <1         <1           Sodium         ppm         ASTM D5185m         >20         <1         <1         <1           Vater         %         ASTM D6304         >0.05         0.006         0.010         0.010           pm         ASTM D6304         >500         60         102.9         106.7           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         >1300         522         894					-		
Calcium         ppm         ASTM D5185m         2         0         0         0           Phosphorus         ppm         ASTM D5185m         2         0         5           Zinc         ppm         ASTM D5185m         2         0         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         <1         0         <1           Sodium         ppm         ASTM D5185m         >25         <1         0         <1           Potassium         ppm         ASTM D5185m         >20         <1         <1         <1           Water         %         ASTM D6304         >0.05         0.0066         0.010         0.010           pm         Water         pm         ASTM D6304         >500         60         102.9         106.7           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         >1300         522         894         113           Particles >14µm         ASTM D7647         >80         44         39 <td< th=""><th>0</th><th></th><th></th><th>90</th><th></th><th></th><th></th></td<>	0			90			
Phosphorus         ppm         ASTM D5185m         2         0         5           Zinc         ppm         ASTM D5185m         0         0         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         <1	•					0	
Zinc         ppm         ASTM D5185m         0         0         0           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         <1         0         <1           Sodium         ppm         ASTM D5185m         >25         <1         0         <1           Sodium         ppm         ASTM D5185m         >20         <1         <1         0           Potassium         ppm         ASTM D5185m         >20         <1         <1         <1           Water         %         ASTM D6304         >0.05         0.006         0.010         0.010           ppm Water         ppm         ASTM D6304         >500         60         102.9         106.7           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         >1300         522         894         113           Particles >6µm         ASTM D7647         >20         16         8         2           Particles >21µm         ASTM D7647         >20         16         8         2				_	-		
CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         <1         0         <1           Sodium         ppm         ASTM D5185m         >20         <1         0         <1           Potassium         ppm         ASTM D5185m         >20         <1         <1         0           Potassium         ppm         ASTM D5185m         >20         <1         <1         <1           Water         %         ASTM D6304         >0.05         0.006         0.010         0.010           ppm Water         ppm         ASTM D6304         >500         60         102.9         106.7           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         2928         4122         1053           Particles >6µm         ASTM D7647         >80         44         39         8           Particles >14µm         ASTM D7647         >20         16         8         2           Particles >38µm         ASTM D7647         >3         0         0         1							
Sodium         ppm         ASTM D5185m         2         <1	CONTAMINANTS		method	limit/base	current	history1	history2
Sodium         ppm         ASTM D5185m         2         <1	Silicon	maa	ASTM D5185m	>25	<1	0	<1
Potassium         ppm         ASTM D5185m         >20         <1	Sodium		ASTM D5185m				
Water         %         ASTM D6304         >0.05         0.006         0.010         0.010           ppm Water         ppm         ASTM D6304         >500         60         102.9         106.7           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         2928         4122         1053           Particles >6µm         ASTM D7647         >1300         522         894         113           Particles >14µm         ASTM D7647         >80         44         39         8           Particles >21µm         ASTM D7647         >20         16         8         2           Particles >38µm         ASTM D7647         >4         0         0         1           Particles >71µm         ASTM D7647         >3         0         0         0           Oil Cleanliness         ISO 4406 (c)         >/17/13         19/16/13         19/17/12         17/14/10           FLUID DEGRADATION         method         limit/base         current         history1         history2			ASTM D5185m	>20	<1		<1
ppm Water         ppm         ASTM D6304         >500         60         102.9         106.7           FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         2928         4122         1053           Particles >6µm         ASTM D7647         >1300         522         894         113           Particles >14µm         ASTM D7647         >80         44         39         8           Particles >14µm         ASTM D7647         >20         16         8         2           Particles >21µm         ASTM D7647         >40         0         1           Particles >38µm         ASTM D7647         >4         0         0         1           Particles >71µm         ASTM D7647         >3         0         0         0           Oil Cleanliness         ISO 4406 (c)         >/17/13         19/16/13         19/17/12         17/14/10           FLUID DEGRADATION         method         limit/base         current         history1         history2	Water		ASTM D6304	>0.05			0.010
Particles >4μm       ASTM D7647       2928       4122       1053         Particles >6μm       ASTM D7647       >1300       522       894       113         Particles >14μm       ASTM D7647       >80       44       39       8         Particles >21μm       ASTM D7647       >20       16       8       2         Particles >21μm       ASTM D7647       >4       0       0       1         Particles >38μm       ASTM D7647       >4       0       0       1         Particles >71μm       ASTM D7647       >3       0       0       0         Oil Cleanliness       ISO 4406 (c)       >/17/13       19/16/13       19/17/12       17/14/10	ppm Water	ppm	ASTM D6304	>500	60		106.7
Particles >6μm         ASTM D7647         >1300         522         894         113           Particles >14μm         ASTM D7647         >80         44         39         8           Particles >21μm         ASTM D7647         >20         16         8         2           Particles >21μm         ASTM D7647         >20         16         8         2           Particles >38μm         ASTM D7647         >4         0         0         1           Particles >71μm         ASTM D7647         >3         0         0         0           Oil Cleanliness         ISO 4406 (c)         >/17/13         19/16/13         19/17/12         17/14/10           FLUID DEGRADATION         method         limit/base         current         history1         history2	FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >14μm         ASTM D7647         >80         44         39         8           Particles >21μm         ASTM D7647         >20         16         8         2           Particles >38μm         ASTM D7647         >4         0         0         1           Particles >71μm         ASTM D7647         >3         0         0         0           Oil Cleanliness         ISO 4406 (c)         >/17/13         19/16/13         19/17/12         17/14/10           FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >4µm		ASTM D7647		2928	4122	1053
Particles >21 μm         ASTM D7647         >20         16         8         2           Particles >38μm         ASTM D7647         >4         0         0         1           Particles >38μm         ASTM D7647         >4         0         0         0           Particles >71μm         ASTM D7647         >3         0         0         0           Oil Cleanliness         ISO 4406 (c)         >/17/13         19/16/13         19/17/12         17/14/10           FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >6µm		ASTM D7647	>1300	522	894	113
Particles >38μm         ASTM D7647         >4         0         0         1           Particles >71μm         ASTM D7647         >3         0         0         0           Oil Cleanliness         ISO 4406 (c)         >/17/13         19/16/13         19/17/12         17/14/10           FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >14µm		ASTM D7647	>80	44	39	8
Particles >71μm         ASTM D7647         >3         0         0         0           Oil Cleanliness         ISO 4406 (c)         >/17/13         19/16/13         19/17/12         17/14/10           FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >21µm		ASTM D7647	>20	16	8	2
Oil Cleanliness         ISO 4406 (c)         >/17/13         19/16/13         19/17/12         17/14/10           FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >38µm		ASTM D7647	>4	0	0	1
FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>3	0	0	0
	Oil Cleanliness		ISO 4406 (c)	>/17/13	19/16/13	19/17/12	17/14/10
Acid Number (AN)         mg KOH/g         ASTM D8045         0.4         0.58         0.47         0.65	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.58	0.47	0.65

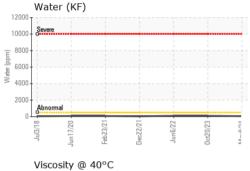
Contact/Location: JASON ROZELLE - CRONIC Page 1 of 2

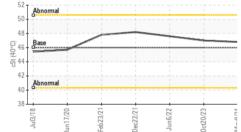


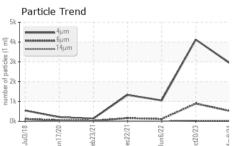
**OIL ANALYSIS REPORT** 





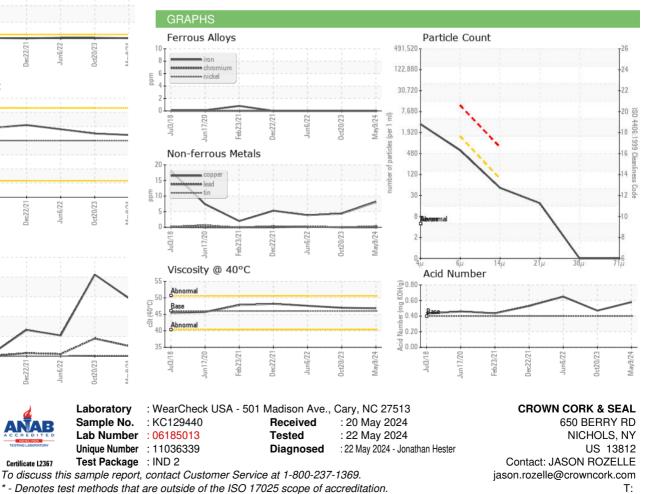






VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	46.8	47.0	47.6
SAMPLE IMAGES	\$	method	limit/base	current	history1	history2
Color				•	a-	

Bottom



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

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