

## **OIL ANALYSIS REPORT**

Sample Rating Trend

<u>leeee Ceeee</u>e



### PROCESS CHEESE [98272622] Machine Id EAST CHEESE

Component Blower Fluid ISO 100 (--- GAL)

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

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

#### Fluid Condition

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

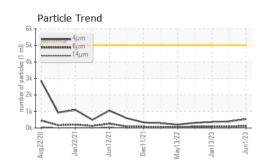
Sample Number     Client Info     PCA0098666     PCA008308     PCA007392       Sample Date     Client Info     0     0     0       Machine Age     hrs     Client Info     0     0     0       Oil Age     hrs     Client Info     0     0     0       Oil Age     Client Info     0     0     0     0       Oil Age     Client Info     Changed     Changed     Changed     Changed       Sample Status     method     imt/base     current     history1     history2       Water     WC Method     NEG     NEG     NEG     NEG       Water     WC Method     NEG     0     0     0       Chromium     ppm     ASTM D5155m     20     0     0     0       Silver     ppm     ASTM D5155m     20     0     0     0     0       Silver     ppm     ASTM D5155m     20     0     0     0     0       Corpor     ppm     ASTM D5155m <td< th=""><th></th><th></th><th>ingroro</th><th>0012021</th><th>DOLOCI MOYLOLL OUNLOLD</th><th>SUNCOLO</th><th></th></td<>			ingroro	0012021	DOLOCI MOYLOLL OUNLOLD	SUNCOLO	
Sample Date     Client Info     O 1 Jun 2023     24 Mar 2023     13 Jan 2023       Machine Age     hrs     Client Info     O     O     O       Oil Age     hrs     Client Info     O     O     O       Oil Changed     Client Info     O     Changed     Changed     Changed     Changed       Sample Status     Client Info     O     Changed     NORMAL     NORMAL     NORMAL     NORMAL       CONTAMINATION     method     Imit/base     current     History1     History2       War     WC Method     Imit/base     current     History1     History2       War     WC Method     Imit/base     current     History1     History2       Iron     ppm     ASTM 05165m     >20     O     O     O       Silver     ppm     ASTM 05165m     >20     O     O     O       Silver     ppm     ASTM 05165m     >20     O     O     O       Gland     ppm     ASTM 05165m     >20     O	SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Machine Age     hrs     Client Info     0     0     0       Oil Age     hrs     Client Info     O     O     O       Oil Age     hrs     Client Info     O     O     O       Sample Status     Info     Changed     Changed     Changed       CONTAMINATION     method     Imit/base     current     history1     history2       Water     WC Method     NEG     NEG     NEG     NEG       WEAR METALS     method     Imit/base     current     history1     history2       Iron     ppm     ASTM 05185m     >20     0     0     0       Nickel     ppm     ASTM 05185m     >20     0     0     0       Itanium     ppm     ASTM 05185m     >20     0     0     0     0       Auminum     ppm     ASTM 05185m     >20     0     0     0     0       Vanadium     ppm     ASTM 05185m     >20     0     0     0     0	Sample Number		Client Info		PCA0096866	PCA0088308	PCA0073982
Oil Age     hrs     Client Info     0     0     0       Oil Changed     Client Info     Changed     Changed     Changed     Changed     Changed     Changed     Changed     Changed     NoRMAL     NorMal Status     NoRMAL     NoRMAL     NorMal Status     NoRMAL     NoRMAL <t< th=""><th>Sample Date</th><th></th><th>Client Info</th><th></th><th>01 Jun 2023</th><th>24 Mar 2023</th><th>13 Jan 2023</th></t<>	Sample Date		Client Info		01 Jun 2023	24 Mar 2023	13 Jan 2023
Oil Changed Sample Status     Client Info     Changed NORMAL     NORMAL     NEG     O     O     O </th <th>Machine Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>0</th> <th>0</th> <th>0</th>	Machine Age	hrs	Client Info		0	0	0
Sample Status     NORMAL     NORMAL     NORMAL     NORMAL     NORMAL       CONTAMINATION     method     limit/base     current     history1     history2       Water     WC Method     NEG     NEG     NEG     NEG       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >20     0     0     0       Nickel     ppm     ASTM D5185m     >20     0     0     0       Iteanium     ppm     ASTM D5185m     >20     0     <1	Oil Age	hrs	Client Info		0	0	0
CONTAMINATION     method     limit/base     current     history1     history2       Water     WC Method     NEG     NEG     NEG       Wear ppm     ASTM D5185m     >20     <1     0     0       Chromium     ppm     ASTM D5185m     >20     0     0     0       Nickel     ppm     ASTM D5185m     >20     0     0     0       Silver     ppm     ASTM D5185m     >20     0     0     0       Auminum     ppm     ASTM D5185m     >20     0     0     0       Auminum     ppm     ASTM D5185m     >20     0     0     0       Copper     ppm     ASTM D5185m     >20     0     0     0       Cadmium     ppm     ASTM D5185m     >20     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0       Baron     ppm     ASTM D5185m     0     0     0     0       Magnesium	Oil Changed		Client Info		Changed	Changed	Changed
Water     WC Method     NEG     NEG     NEG     NEG       WeAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >20     <1     0     0       Nickel     ppm     ASTM D5185m     >20     0     0     0       Nickel     ppm     ASTM D5185m     >20     0     0     0       Silver     ppm     ASTM D5185m     >20     0     0     0       Auminum     ppm     ASTM D5185m     >20     0     0     0       Copper     ppm     ASTM D5185m     >20     0     0     0       Cadmium     ppm     ASTM D5185m     >20     0     0     0       Cadmium     ppm     ASTM D5185m     >20     0     0     0       Bariaum     ppm     ASTM D5185m     >20     0     0     0       Molybdenum     ppm     ASTM D5185m     21     0     0     0 <th>Sample Status</th> <th></th> <th></th> <th></th> <th>NORMAL</th> <th>NORMAL</th> <th>NORMAL</th>	Sample Status				NORMAL	NORMAL	NORMAL
Water     WC Method     NEG     NEG     NEG     NEG       WeAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >20     <1     0     0       Nickel     ppm     ASTM D5185m     >20     0     0     0       Nickel     ppm     ASTM D5185m     >20     0     0     0       Silver     ppm     ASTM D5185m     >20     0     0     0       Auminum     ppm     ASTM D5185m     >20     0     0     0       Copper     ppm     ASTM D5185m     >20     0     0     0       Cadmium     ppm     ASTM D5185m     >20     0     0     0       Cadmium     ppm     ASTM D5185m     >20     0     0     0       Bariaum     ppm     ASTM D5185m     >20     0     0     0       Molybdenum     ppm     ASTM D5185m     21     0     0     0 <th>CONTAMINAT</th> <th>ION</th> <th>method</th> <th>limit/base</th> <th>current</th> <th>historv1</th> <th>historv2</th>	CONTAMINAT	ION	method	limit/base	current	historv1	historv2
Iron     ppm     ASTM D5185m     >20     <1							
Chromium     ppm     ASTM D5185m     >20     0     0     0       Nickel     ppm     ASTM D5185m     >20     0     0     0       Silver     ppm     ASTM D5185m     0     0     0     0       Aluminum     ppm     ASTM D5185m     >20     0     <1     0       Lead     ppm     ASTM D5185m     >20     0     0     0       Vanadium     ppm     ASTM D5185m     >20     1     <1     <1       Tin     ppm     ASTM D5185m     >20     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     2     0     0     0       Magnesium     ppm     ASTM D5185m     21     0     0     0	WEAR METAL	S	method	limit/base	current	history1	history2
Chromium     ppm     ASTM D5185m     >20     0     0     0       Nickel     ppm     ASTM D5185m     >20     0     0     0       Titanium     ppm     ASTM D5185m     0     0     0     0       Aluminum     ppm     ASTM D5185m     >20     0     <1     0       Lead     ppm     ASTM D5185m     >20     0     0     0       Vanadium     ppm     ASTM D5185m     >20     0     0     0       Vanadium     ppm     ASTM D5185m     20     0     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0     0       ASTM D5185m     0     0     0     0     0     0     0       Boron     ppm     ASTM D5185m     0     0     0     0     0     0     0       Magnesium     ppm     ASTM D5185m     21     0     0     0     0     0     0	Iron	ppm	ASTM D5185m	>20	<1	0	0
Nickel     ppm     ASTM D5185m     >20     0     0     0       Titanium     ppm     ASTM D5185m     0     0     0       Silver     ppm     ASTM D5185m     20     0     <1     0       Aluminum     ppm     ASTM D5185m     >20     0     0     0       Lead     ppm     ASTM D5185m     >20     0     0     0       Copper     ppm     ASTM D5185m     >20     0     0     0       Vanadium     ppm     ASTM D5185m     >20     0     0     0       Cadmium     ppm     ASTM D5185m     >20     0     0     0       ADDITIVES     method     imit/base     current     history1     history2       Boron     ppm     ASTM D5185m     0     0     0     0       Molybdenum     ppm     ASTM D5185m     0     0     0     0       Molybdenum     ppm     ASTM D5185m     <1     0     0     0	Chromium		ASTM D5185m	>20	0	0	0
Titanium     ppm     ASTM D5185m     0     0     0       Silver     ppm     ASTM D5185m     0     0     0       Aluminum     ppm     ASTM D5185m     >20     0     <1     0       Lead     ppm     ASTM D5185m     >20     0     0     0       Copper     ppm     ASTM D5185m     >20     0     0     0       Vanadium     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       Magnesium     ppm     ASTM D5185m     21     0     0     0       Magnesium     ppm     ASTM D5185m     21     0     0     0       Calci	Nickel		ASTM D5185m	>20	0	0	0
Silver     ppm     ASTM D5185m     0     0     0       Aluminum     ppm     ASTM D5185m     >20     0     <1     0       Lead     ppm     ASTM D5185m     >20     0     0     0       Copper     ppm     ASTM D5185m     >20     0     0     0       Vanadium     ppm     ASTM D5185m     20     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       Magnese     ppm     ASTM D5185m     0     0     0     0       Magnesium     ppm     ASTM D5185m     1     0     0     0       Relacium     ppm     ASTM D5185m     21     0     0     0       Phosphorus     ppm     ASTM D5185m     21     0     0     0	Titanium		ASTM D5185m			0	0
Lead     ppm     ASTM D5185m     >20     0     0     0       Copper     ppm     ASTM D5185m     >20     1     <1     <1       Tin     ppm     ASTM D5185m     >20     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       Molybdenum     ppm     ASTM D5185m     0     0     0     0       Marganese     ppm     ASTM D5185m     0     0     0     0       Phosphorus     ppm     ASTM D5185m     <1     0     0     0       Sulfur     ppm     ASTM D5185m     <15     2     2     1       Sodium     ppm     ASTM D5185m     0     0     0     0	Silver		ASTM D5185m		0	0	0
Lead     ppm     ASTM D5185m     >20     0     0     0       Copper     ppm     ASTM D5185m     >20     1     <1     <1       Tin     ppm     ASTM D5185m     >20     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       Barium     ppm     ASTM D5185m     0     0     0     0       Maganese     ppm     ASTM D5185m     0     0     0     0       Phosphorus     ppm     ASTM D5185m     <1     0     0     0       Sulfur     ppm     ASTM D5185m     <1     0     0     0       Sodium     ppm     ASTM D5185m     <15     2     2     1	Aluminum	ppm	ASTM D5185m	>20	0	<1	0
Tin     ppm     ASTM D5185m     >20     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       Barium     ppm     ASTM D5185m     0     0     0       Magnese     ppm     ASTM D5185m     0     0     0       Magnesium     ppm     ASTM D5185m     1     0     0       Calcium     ppm     ASTM D5185m     <1     0     0       Phosphorus     ppm     ASTM D5185m     919     616     530       Zinc     ppm     ASTM D5185m     2     2     1       Solicon     ppm     ASTM D5185m     2     2     1       Solicon     ppm     ASTM D5185m     2     2     1	Lead		ASTM D5185m	>20	0	0	0
Tin     ppm     ASTM D5185m     >20     0     0     0       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       Magnases     ppm     ASTM D5185m     0     0     0       Magnesium     ppm     ASTM D5185m     1     0     0     0       Magnesium     ppm     ASTM D5185m     <1     0     0     0       Phosphorus     ppm     ASTM D5185m     <1     0     0     0       Zinc     ppm     ASTM D5185m     <1     0     0     0       Solicon     ppm     ASTM D5185m     <2663     1641     1447       CONTAMINANTS     method     limit/base     current     history1     history2       Solicon     ppm     AS	Copper		ASTM D5185m	>20	1	<1	<1
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       Calcium     ppm     ASTM D5185m     <1	Tin	ppm	ASTM D5185m	>20	0	0	0
ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     0     0     0       Barium     ppm     ASTM D5185m     2     0     0       Molybdenum     ppm     ASTM D5185m     2     0     0       Magnese     ppm     ASTM D5185m     0     0     0       Magnesium     ppm     ASTM D5185m     <1     0     0       Calcium     ppm     ASTM D5185m     <1     0     0       Claicium     ppm     ASTM D5185m     919     616     530       Zinc     ppm     ASTM D5185m     2663     1641     1447       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     2     2     1       Sodium     ppm     ASTM D5185m     >20     <1     1     1       FLUID CLEANLINES     method     limit/base     current	Vanadium	ppm	ASTM D5185m		0	0	0
Boron     ppm     ASTM D5185m     0     0     0       Barium     ppm     ASTM D5185m     2     0     0       Molybdenum     ppm     ASTM D5185m     0     0     0       Manganese     ppm     ASTM D5185m     0     0     0       Magnesium     ppm     ASTM D5185m     <1     0     0       Calcium     ppm     ASTM D5185m     <1     0     0       Calcium     ppm     ASTM D5185m     <1     0     0       Phosphorus     ppm     ASTM D5185m     919     616     530       Zinc     ppm     ASTM D5185m     919     616     530       Sulfur     ppm     ASTM D5185m     2663     1641     1447       CONTAMINANTS     method     imit/base     current     history1     history2       Sulfur     ppm     ASTM D5185m     >15     2     2     1       Sodium     ppm     ASTM D5185m     >20     <1     1     1 </th <th>Cadmium</th> <th>ppm</th> <th>ASTM D5185m</th> <th></th> <th>0</th> <th>0</th> <th>0</th>	Cadmium	ppm	ASTM D5185m		0	0	0
Barium     ppm     ASTM D5185m     2     0     0       Molybdenum     ppm     ASTM D5185m     0     0     0       Manganese     ppm     ASTM D5185m     0     0     0       Magnesium     ppm     ASTM D5185m     <1     0     0       Calcium     ppm     ASTM D5185m     <1     0     0       Phosphorus     ppm     ASTM D5185m     919     616     530       Zinc     ppm     ASTM D5185m     919     616     530       Zinc     ppm     ASTM D5185m     2663     1641     1447       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     2     2     1       Sodium     ppm     ASTM D5185m     >20     <1     1     1       FLUID CLEANLINES     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >5000     5	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum     ppm     ASTM D5185m     0     0     0       Manganese     ppm     ASTM D5185m      0     0     0       Magnesium     ppm     ASTM D5185m     <1     0     0     0       Calcium     ppm     ASTM D5185m     <1     0     0     0       Phosphorus     ppm     ASTM D5185m     919     616     530     2       Zinc     ppm     ASTM D5185m     4     2     2     2       Sulfur     ppm     ASTM D5185m     2663     1641     1447       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     2     2     1       Sodium     ppm     ASTM D5185m     >20     <1     1     1       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >5000     532     393     359	Boron	ppm	ASTM D5185m		0	0	0
Manganese     ppm     ASTM D5185m     0     0     0       Magnesium     ppm     ASTM D5185m     <1     0     <1       Calcium     ppm     ASTM D5185m     <1     0     0       Phosphorus     ppm     ASTM D5185m     919     616     530       Zinc     ppm     ASTM D5185m     4     2     2       Sulfur     ppm     ASTM D5185m     2663     1641     1447       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m<>15     2     2     1       Sodium     ppm     ASTM D5185m<>20     <1     1     1       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >5000     532     393     359       Particles >6µm     ASTM D7647     >320     17     10     6       Particles >38µm     ASTM D7647     >80     4 <t< th=""><th>Barium</th><th>ppm</th><th>ASTM D5185m</th><th></th><th>2</th><th>0</th><th>0</th></t<>	Barium	ppm	ASTM D5185m		2	0	0
Magnesium     ppm     ASTM D5185m     <1	Molybdenum	ppm	ASTM D5185m		0	0	0
Calcium     ppm     ASTM D5185m     <1	Manganese	ppm	ASTM D5185m		0	0	0
Phosphorus     ppm     ASTM D5185m     919     616     530       Zinc     ppm     ASTM D5185m     4     2     2       Sulfur     ppm     ASTM D5185m     2663     1641     1447       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     2     2     1       Sodium     ppm     ASTM D5185m     >15     2     2     1       Sodium     ppm     ASTM D5185m     >0     0     0     0       Potassium     ppm     ASTM D5185m     >20     <1     1     1       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >5000     532     393     359       Particles >6µm     ASTM D7647     >320     17     10     6       Particles >14µm     ASTM D7647     >20     0     0     0       Particles >71µm	Magnesium	ppm	ASTM D5185m		<1	0	<1
Zinc     ppm     ASTM D5185m     4     2     2       Sulfur     ppm     ASTM D5185m     2663     1641     1447       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     2     2     1       Sodium     ppm     ASTM D5185m     >15     2     2     1       Sodium     ppm     ASTM D5185m     >20     <1     1     1       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >5000     532     393     359       Particles >6µm     ASTM D7647     >320     17     10     6       Particles >14µm     ASTM D7647     >320     17     10     6       Particles >21µm     ASTM D7647     >20     0     0     0       Particles >38µm     ASTM D7647     >20     0     0     0       Ol Cleanliness     ISO 44	Calcium	ppm	ASTM D5185m		<1	0	0
Sulfur     ppm     ASTM D5185m     2663     1641     1447       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     2     2     1       Sodium     ppm     ASTM D5185m     >15     2     2     1       Sodium     ppm     ASTM D5185m     >20     <1	Phosphorus	ppm	ASTM D5185m		919	616	530
CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >15     2     2     1       Sodium     ppm     ASTM D5185m     >15     2     2     1       Sodium     ppm     ASTM D5185m     >20     <1     1     1       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >5000     532     393     359       Particles >4µm     ASTM D7647     >1300     123     87     83       Particles >6µm     ASTM D7647     >320     17     10     6       Particles >21µm     ASTM D7647     >20     0     0     0       Particles >38µm     ASTM D7647     >20     0     0     0       Oil Cleanliness     ISO 4406 (c)     >19/17/15     16/14/11     16/14/10     16/14/10       FLUID DEGRADATION     method     limit/base     current     history1     history2	Zinc	ppm	ASTM D5185m		4	2	2
Silicon     ppm     ASTM D5185m     >15     2     2     1       Sodium     ppm     ASTM D5185m     >15     0     0     0       Potassium     ppm     ASTM D5185m     >20     <1     1     1       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >5000     532     393     359       Particles >6µm     ASTM D7647     >1300     123     87     83       Particles >14µm     ASTM D7647     >320     17     10     6       Particles >21µm     ASTM D7647     >20     0     0     0       Particles >38µm     ASTM D7647     >20     0     0     0       Particles >71µm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >19/17/15     16/14/11     16/14/10     16/14/10       FLUID DEGRADATION     method     limit/base     current     history1     history2	Sulfur	ppm	ASTM D5185m		2663	1641	1447
Sodium     ppm     ASTM D5185m     0     0     0     0       Potassium     ppm     ASTM D5185m     >20     <1     1     1       FLUID CLEANLINESS     method     limit/base     current     history1     history2       Particles >4µm     ASTM D7647     >5000     532     393     359       Particles >6µm     ASTM D7647     >1300     123     87     83       Particles >6µm     ASTM D7647     >320     17     10     6       Particles >14µm     ASTM D7647     >320     17     10     6       Particles >21µm     ASTM D7647     >20     0     0     0       Particles >38µm     ASTM D7647     >20     0     0     0       Particles >71µm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >19/17/15     16/14/11     16/14/10     16/14/10       FLUID DEGRADATION     method     limit/base     current     history1     history2       Aci	CONTAMINAN	TS	method	limit/base	current	history1	history2
Potassium     ppm     ASTM D5185m     >20     <1	Silicon	ppm	ASTM D5185m	>15	2	2	1
Potassium     ppm     ASTM D5185m     >20     <1	Sodium	ppm	ASTM D5185m		0	0	0
Particles >4μm     ASTM D7647     >5000     532     393     359       Particles >6μm     ASTM D7647     >1300     123     87     83       Particles >14μm     ASTM D7647     >320     17     10     6       Particles >14μm     ASTM D7647     >320     17     0     6       Particles >21μm     ASTM D7647     >80     4     4     1       Particles >21μm     ASTM D7647     >20     0     0     0       Particles >38μm     ASTM D7647     >20     0     0     0       Particles >71μm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >19/17/15     16/14/11     16/14/10     16/14/10       FLUID DEGRADATION     method     limit/base     current     history1     history2       Acid Number (AN)     mg KOH/g     ASTM D8045     0.27     0.29     0.34	Potassium	ppm	ASTM D5185m	>20	<1	1	1
Particles >6µm     ASTM D7647     >1300     123     87     83       Particles >14µm     ASTM D7647     >320     17     10     6       Particles >21µm     ASTM D7647     >80     4     4     1       Particles >21µm     ASTM D7647     >80     4     0     0       Particles >38µm     ASTM D7647     >20     0     0     0       Particles >71µm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >19/17/15     16/14/11     16/14/10     16/14/10       FLUID DEGRADATION     method     limit/base     current     history1     history2       Acid Number (AN)     mg KOH/g     ASTM D8045     0.27     0.29     0.34	FLUID CLEAN	INESS	method	limit/base	current	history1	history2
Particles >14µm     ASTM D7647     >320     17     10     6       Particles >21µm     ASTM D7647     >80     4     4     1       Particles >21µm     ASTM D7647     >20     0     0     0       Particles >38µm     ASTM D7647     >20     0     0     0       Particles >71µm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >19/17/15     16/14/11     16/14/10     16/14/10       FLUID DEGRADATION     method     limit/base     current     history1     history2       Acid Number (AN)     mg KOH/g     ASTM D8045     0.27     0.29     0.34	Particles >4µm		ASTM D7647	>5000	532	393	359
Particles >21µm     ASTM D7647     >80     4     4     1       Particles >38µm     ASTM D7647     >20     0     0     0       Particles >38µm     ASTM D7647     >20     0     0     0       Particles >71µm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >19/17/15     16/14/11     16/14/10     16/14/10       FLUID DEGRADATION     method     limit/base     current     history1     history2       Acid Number (AN)     mg KOH/g     ASTM D8045     0.27     0.29     0.34	Particles >6µm		ASTM D7647	>1300	123	87	83
Particles >38μm     ASTM D7647     >20     0     0     0       Particles >71μm     ASTM D7647     >4     0     0     0     0       Oil Cleanliness     ISO 4406 (c)     >19/17/15     16/14/11     16/14/10     16/14/10       FLUID DEGRADATION     method     limit/base     current     history1     history2       Acid Number (AN)     mg KOH/g     ASTM D8045     0.27     0.29     0.34	Particles >14µm		ASTM D7647	>320	17	10	6
Particles >71µm     ASTM D7647     >4     0     0     0       Oil Cleanliness     ISO 4406 (c)     >19/17/15     16/14/11     16/14/10     16/14/10       FLUID DEGRADATION     method     limit/base     current     history1     history2       Acid Number (AN)     mg KOH/g     ASTM D8045     0.27     0.29     0.34	Particles >21µm		ASTM D7647	>80	4	4	1
Oil Cleanliness     ISO 4406 (c)     >19/17/15     16/14/11     16/14/10     16/14/10       FLUID DEGRADATION     method     limit/base     current     history1     history2       Acid Number (AN)     mg KOH/g     ASTM D8045     0.27     0.29     0.34	Particles >38µm		ASTM D7647	>20	0	0	0
FLUID DEGRADATION method   limit/base   current   history1   history2     Acid Number (AN)   mg KOH/g   ASTM D8045   0.27   0.29   0.34	Particles >71µm		ASTM D7647	>4	0	0	0
Acid Number (AN)     mg KOH/g     ASTM D8045     0.27     0.29     0.34	Oil Cleanliness		ISO 4406 (c)	>19/17/15	16/14/11	16/14/10	16/14/10
	FLUID DEGRAD	DATION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045		0.27	0.29	0.34
	5:40:51) Rev: 1		Contact/Location: Service Manager - KRASPRMO				

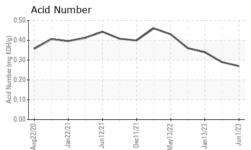
Report Id: KRASPRMO [WUSCAR] 05875513 (Generated: 03/04/2024 15:40:51) Rev: 1

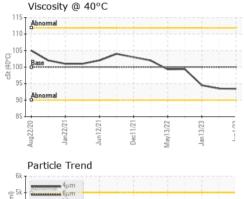
Contact/Location: Service Manager - KRASPRMO

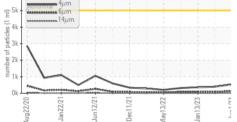


# **OIL ANALYSIS REPORT**

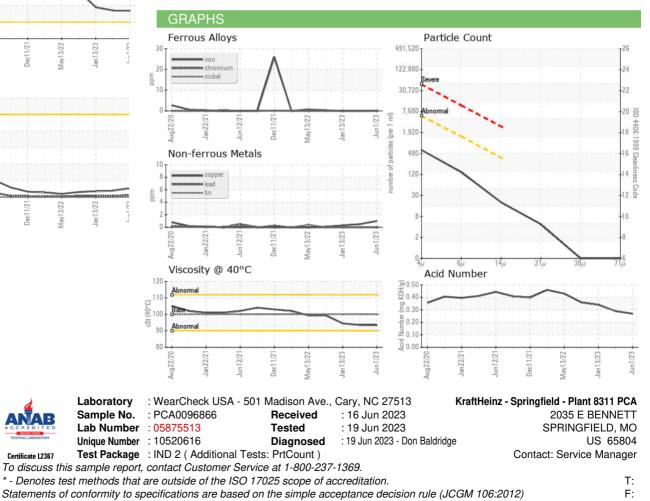








VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual		NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	100	93.4	93.5	94.5
SAMPLE IMAG	θES	method	limit/base	current	history1	history2
Color						
Bottom						



Contact/Location: Service Manager - KRASPRMO