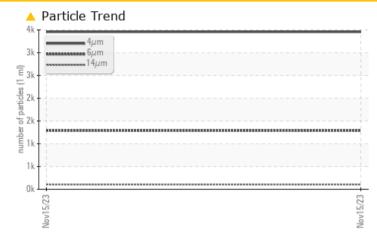




# KAESER 8644564

#### Component Compressor Fluid KAESER SIGMA (OEM) M-460 (--- GAL)

## COMPONENT CONDITION SUMMARY



### RECOMMENDATION

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS									
Sample Status			ATTENTION						
Particles >14µm	ASTM D7647	>80	<u> </u>						
Oil Cleanliness	ISO 4406 (c)	>/17/13	<b>19/17/14</b>						

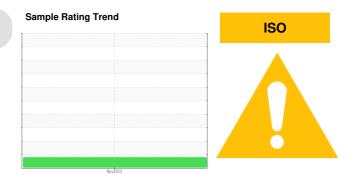
Customer Id: PENCHANC Sample No.: KCPA009024 Lab Number: 06017340 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Angela Borella +1 800-237-1369 angela.borella@wearcheckusa.com

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



There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



# **OIL ANALYSIS REPORT**





KAESER 8644564

# **Compressor**

KAESER SIGMA (OEM) M-460 (--- GAL)

### DIAGNOSIS

#### Recommendation

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

#### Contamination

There is a moderate amount of particulates present in the oil.

#### **Fluid Condition**

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

Iron         ppm         ASTM D5185m         >50         0             Nickel         ppm         ASTM D5185m         >3         0             Nickel         ppm         ASTM D5185m         >3         0             Silver         ppm         ASTM D5185m         >2         0             Aluminum         ppm         ASTM D5185m         >10         0             Lead         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         0         0             Vanadium         ppm         ASTM D5185m         0         0	SAMPLE INFORM	<b>IATION</b>	method	limit/base	current	history1	history2
Machine Age       hrs       Client Info       4446           Oil Age       hrs       Client Info       0           Oil Changed       Client Info       N/A           Sample Status       Client Info       N/A           WEAR METALS       method       Imit/base       current       history1       history2         Iron       ppm       ASTM D5185m       >50       0           Nickel       ppm       ASTM D5185m       >3       0           Aluminum       ppm       ASTM D5185m       >10       0           Aluminum       ppm       ASTM D5185m       >10       0           Copper       ppm       ASTM D5185m       >10       0           Addminum       ppm       ASTM D5185m       >0       0           Addminum       ppm       ASTM D5185m       0       0           Copper       ppm       ASTM D5185m       0       0           Addminu	Sample Number		Client Info		KCPA009024		
Oil Age         hrs         Client Info         0             Oil Changed         Client Info         NA             Sample Status         Client Info         ATTENTION             WEAR METALS         method         limit/base         current         history1            Kornanium         ppm         ASTM 05185m         >30         0             Nickel         ppm         ASTM 05185m         >3         0             Aluminum         ppm         ASTM 05185m         >10         0             Aluminum         ppm         ASTM 05185m         >10         0             Auminum         ppm         ASTM 05185m         >10         0             Auminum         ppm         ASTM 05185m         >10         0             Auminum         ppm         ASTM 05185m         0         0             Agenatium         ppm         ASTM 05185m         0         0	Sample Date		Client Info		15 Nov 2023		
Oil Changed         Client Info         N/A             Sample Status         Image of the status         I	Machine Age	hrs	Client Info		4446		
Sample Status         Image         ATTENTION             WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0             Nickel         ppm         ASTM D5185m         >3         0             Nickel         ppm         ASTM D5185m         >3         0             Aluminum         ppm         ASTM D5185m         >10         0             Auminum         ppm         ASTM D5185m         >10         0             Auminum         ppm         ASTM D5185m         >10         0             Auminum         ppm         ASTM D5185m         0         0             Aumadium         ppm         ASTM D5185m         0         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0	Oil Age	hrs	Client Info		0		
WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0             Chromium         ppm         ASTM D5185m         >3         0             Nickel         ppm         ASTM D5185m         >3         0             Silver         ppm         ASTM D5185m         >2         0             Aluminum         ppm         ASTM D5185m         >10         0             Lead         ppm         ASTM D5185m         >10         0             Copper         ppm         ASTM D5185m         >10         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Maganese         ppm         ASTM D5185m         0         0             Maganese         ppm         ASTM D5185m         0         1	Oil Changed		Client Info		N/A		
Iron         ppm         ASTM D5185m         >50         0             Nickel         ppm         ASTM D5185m         >3         0             Nickel         ppm         ASTM D5185m         >3         0             Aluminum         ppm         ASTM D5185m         >2         0             Aluminum         ppm         ASTM D5185m         >2         0             Aluminum         ppm         ASTM D5185m         >10         0             Lead         ppm         ASTM D5185m         >10         0             Copper         ppm         ASTM D5185m         0         0             Addium         ppm         ASTM D5185m         0         0             ADDITIVES         method         Imit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Magnesium         ppm         ASTM D5185m         0	Sample Status				ATTENTION		
Chromium         ppm         ASTM D5185m         >10         0             Nickel         ppm         ASTM D5185m         >3         0             Silver         ppm         ASTM D5185m         >2         0             Auminum         ppm         ASTM D5185m         >10         0             Lead         ppm         ASTM D5185m         >10         0             Copper         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         >10         0             Adminum         ppm         ASTM D5185m         0         0             Cadmium         ppm         ASTM D5185m         0         0             ADDITIVES         method         Imit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Magnesium         ppm         ASTM D5185m         0         0<	WEAR METALS		method	limit/base	current	history1	history2
Chromium         ppm         ASTM D5185m         >10         0             Nickel         ppm         ASTM D5185m         >3         0             Silver         ppm         ASTM D5185m         >2         0             Aduminum         ppm         ASTM D5185m         >10         0             Lead         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         10         0             Vanadium         ppm         ASTM D5185m         0         0             ADDITIVES         method         limit/base         current         history1         history1           Boron         ppm         ASTM D5185m         0         0             Magnesium         ppm         ASTM D5185m         0         2             Galcium         ppm         ASTM D5185m	Iron	ppm	ASTM D5185m	>50	0		
Nickel       ppm       ASTM D5185m       >3       0           Titanium       ppm       ASTM D5185m       >2       0           Silver       ppm       ASTM D5185m       >10       0           Aluminum       ppm       ASTM D5185m       >10       0           Copper       ppm       ASTM D5185m       >10       0           Copper       ppm       ASTM D5185m       >10       0           Vanadium       ppm       ASTM D5185m       >10       0           ADDITIVES       method       limit/base       current       history1       history2         Boron       ppm       ASTM D5185m       0       0           Magnese       ppm       ASTM D5185m       0       0           Magneseium       ppm       ASTM D5185m       0       24           Sulfur       ppm       ASTM D5185m       0       24           Sulfur       ppm       ASTM D5185m       0	Chromium		ASTM D5185m	>10	0		
Titanium       ppm       ASTM D5185m       >-3       0           Silver       ppm       ASTM D5185m       >-2       0           Aluminum       ppm       ASTM D5185m       >10       0           Lead       ppm       ASTM D5185m       >10       0           Copper       ppm       ASTM D5185m       >50       17           Tin       ppm       ASTM D5185m       >10       0           Cadmium       ppm       ASTM D5185m       0       0           ADDITIVES       method       limit/base       current       history1       history2         Boron       ppm       ASTM D5185m       0       0           Magnaese       ppm       ASTM D5185m       0       0           Magnaese       ppm       ASTM D5185m       0            Calcium       ppm       ASTM D5185m       0	Nickel		ASTM D5185m	>3	0		
Silver         ppm         ASTM D5185m         >2         0             Aluminum         ppm         ASTM D5185m         >10         0             Lead         ppm         ASTM D5185m         >10         0             Copper         ppm         ASTM D5185m         >50         17             Vanadium         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         0         0             Vanadium         ppm         ASTM D5185m         0         0             Addium         ppm         ASTM D5185m         0         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Magnesium         ppm         ASTM D5185m         100         24             Silicon         ppm         ASTM D5185m	Titanium		ASTM D5185m	>3	0		
Aluminum         ppm         ASTM D5185m         >10         0             Lead         ppm         ASTM D5185m         >10         0             Copper         ppm         ASTM D5185m         >50         17             Vanadium         ppm         ASTM D5185m         >10         0             Cadmium         ppm         ASTM D5185m         0         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Maganese         ppm         ASTM D5185m         0         0             Maganese         ppm         ASTM D5185m         0         0             Sulfur         ppm         ASTM D5185m         0					0		
Lead         ppm         ASTM D5185m         >10         0             Copper         ppm         ASTM D5185m         >50         17             Tin         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         0         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Malganese         ppm         ASTM D5185m         0         0             Manganese         ppm         ASTM D5185m         0         0             Magnese         ppm         ASTM D5185m         0         21             Calcium         ppm         ASTM D5185m         0         24             Sulfur         ppm         ASTM D5185m         23500         18335             Solium         ppm         ASTM D5185m         >20	Aluminum			>10	-		
Copper         ppm         ASTM D5185m         >50         17             Tin         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         0         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Malpdenum         ppm         ASTM D5185m         0         0             Manganese         ppm         ASTM D5185m         0         0             Manganese         ppm         ASTM D5185m         0         -1             Manganese         ppm         ASTM D5185m         0         -1             Calcium         ppm         ASTM D5185m         0         -1             Sulfur         ppm         ASTM D5185m         0              Sulfur         ppm         ASTM D5185m <t< td=""><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td></t<>					-		
Tin       ppm       ASTM D5185m       >10       0           Vanadium       ppm       ASTM D5185m       0           ADDITIVES       method       limit/base       current       history1       history2         Boron       ppm       ASTM D5185m       0       0           Barium       ppm       ASTM D5185m       0       0           Maganese       ppm       ASTM D5185m       0       0           Magnesium       ppm       ASTM D5185m       0       0           Magnesium       ppm       ASTM D5185m       0       24           Calcium       ppm       ASTM D5185m       0       24           Sulfur       ppm       ASTM D5185m       0       24           Sulfur       ppm       ASTM D5185m       0       24           Sulfur       ppm       ASTM D5185m       23500       18335           Sulfur       ppm       ASTM D5185m       >20					-		
Vanadium         ppm         ASTM D5185m         0             Cadmium         ppm         ASTM D5185m         0							
Cadmium         ppm         ASTM D5185m         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Barium         ppm         ASTM D5185m         90         0             Malganese         ppm         ASTM D5185m         0         0             Manganese         ppm         ASTM D5185m         0         0             Manganese         ppm         ASTM D5185m         0         0             Calcium         ppm         ASTM D5185m         0         21             Magnesium         ppm         ASTM D5185m         0         21             Sulfur         ppm         ASTM D5185m         0         21             Sulfur         ppm         ASTM D5185m         23500         18335             Solicon         ppm         ASTM D5185m         >20         1					-		
Boron         ppm         ASTM D5185m         0         0             Barium         ppm         ASTM D5185m         90         0             Molybdenum         ppm         ASTM D5185m         0         0             Manganese         ppm         ASTM D5185m         100         2             Calcium         ppm         ASTM D5185m         100         2             Calcium         ppm         ASTM D5185m         0         <11					-		
Barium       ppm       ASTM D5185n       90       0           Molybdenum       ppm       ASTM D5185n       0       0           Manganese       ppm       ASTM D5185n       100       2           Magnesium       ppm       ASTM D5185n       100       2           Calcium       ppm       ASTM D5185n       0       <1	ADDITIVES		method	limit/base	current	history1	history2
Barium       ppm       ASTM D5185n       90       0           Molybdenum       ppm       ASTM D5185n       0       0           Manganese       ppm       ASTM D5185n       100       2           Magnesium       ppm       ASTM D5185n       100       2           Calcium       ppm       ASTM D5185n       0       <1	Boron	maa	ASTM D5185m	0	0		
Molybdenum       ppm       ASTM D5185m       0           Manganese       ppm       ASTM D5185m       100       2           Magnesium       ppm       ASTM D5185m       100       2           Calcium       ppm       ASTM D5185m       0       <1	Barium			90			
Maganese       ppm       ASTM D5185m       0           Magnesium       ppm       ASTM D5185m       100       2           Calcium       ppm       ASTM D5185m       0       0           Phosphorus       ppm       ASTM D5185m       0       <1					-		
Magnesium       ppm       ASTM D5185m       100       2           Calcium       ppm       ASTM D5185m       0       0           Phosphorus       ppm       ASTM D5185m       0       <1	-			-			
Calcium       ppm       ASTM D5185m       0           Phosphorus       ppm       ASTM D5185m       0       <1	-			100	-		
Phosphorus       ppm       ASTM D5185m       0       <1           Zinc       ppm       ASTM D5185m       0       24           Sulfur       ppm       ASTM D5185m       23500       18335           CONTAMINANTS       method       limit/base       current       history1       history2         Silicon       ppm       ASTM D5185m       >25       0           Sodium       ppm       ASTM D5185m       >25       0           Sodium       ppm       ASTM D5185m       >20       1           Sodium       ppm       ASTM D5185m       >20       1           Water       %       ASTM D5185m       >20       1           Water       %       ASTM D5185m       >20       88           FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       >1300       1288           Particles >14µm       ASTM D7647	-						
Zinc       ppm       ASTM D5185m       0       24           Sulfur       ppm       ASTM D5185m       23500       18335           CONTAMINANTS       method       limit/base       current       history1       history2         Silicon       ppm       ASTM D5185m       >25       0           Sodium       ppm       ASTM D5185m       >25       0           Sodium       ppm       ASTM D5185m       >20       1           Potassium       ppm       ASTM D5185m       >20       1           Water       %       ASTM D6304       >0.05       0.008           ppm Water       ppm       ASTM D7647       3457           FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       >1300       1288           Particles >1µm       ASTM D7647       >20       23           Particles >21µm       ASTM D7647       >3					-		
SulfurppmASTM D5185m2350018335CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>250SodiumppmASTM D5185m>201PotassiumppmASTM D5185m>201Water%ASTM D6304>0.050.008ppm WaterppmASTM D6304>50088FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D7647>13001288Particles >6µmASTM D7647>80105Particles >14µmASTM D7647>2023Particles >38µmASTM D7647>30Oil CleanlinessISO 4406 (c)>/17/1319/17/14FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2							
Silicon       ppm       ASTM D5185m       >25       0           Sodium       ppm       ASTM D5185m       4           Potassium       ppm       ASTM D5185m       >20       1           Water       %       ASTM D6304       >0.05       0.008           Water       pm       ASTM D6304       >500       88           ppm Water       ppm       ASTM D6304       >500       88           FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       >1300       1288           Particles >6µm       ASTM D7647       >80       105           Particles >14µm       ASTM D7647       >20       23           Particles >38µm       ASTM D7647       >3       0           Particles >71µm       ASTM D7647       >3       0           Oil Cleanliness       ISO 4406 (c)      /17/13       19/17/14      <							
Sodium         ppm         ASTM D5185m         4             Potassium         ppm         ASTM D5185m         >20         1             Water         %         ASTM D6304         >0.05         0.008             ppm Water         ppm         ASTM D6304         >500         88             FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         3457              Particles >6µm         ASTM D7647         >1300         1288             Particles >14µm         ASTM D7647         >80         105             Particles >21µm         ASTM D7647         >20         23             Particles >38µm         ASTM D7647         >3         0             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >/17/13         19/17/14 <th>CONTAMINANTS</th> <th></th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	CONTAMINANTS		method	limit/base	current	history1	history2
Sodium         ppm         ASTM D5185m         4             Potassium         ppm         ASTM D5185m         >20         1             Water         %         ASTM D6304         >0.05         0.008             ppm Water         ppm         ASTM D6304         >500         88             FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         3457              Particles >6µm         ASTM D7647         >1300         1288             Particles >14µm         ASTM D7647         >80         105             Particles >21µm         ASTM D7647         >20         23             Particles >38µm         ASTM D7647         >3         0             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >/17/13         19/17/14 <td>Silicon</td> <td>ppm</td> <td>ASTM D5185m</td> <td>&gt;25</td> <td>0</td> <td></td> <td></td>	Silicon	ppm	ASTM D5185m	>25	0		
Water       %       ASTM D6304       >0.05       0.008           ppm Water       ppm       ASTM D6304       >500       88           FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       3457            Particles >6µm       ASTM D7647       >1300       1288           Particles >14µm       ASTM D7647       >80       105           Particles >21µm       ASTM D7647       >20       23           Particles >38µm       ASTM D7647       >4       1           Particles >71µm       ASTM D7647       >3       0           Oil Cleanliness       ISO 4406 (c)       >/17/13       19/17/14           FLUID DEGRADATION       method       limit/base       current       history1       history2	Sodium		ASTM D5185m		4		
Water       %       ASTM D6304       >0.05       0.008           ppm Water       ppm       ASTM D6304       >500       88           FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       3457            Particles >6µm       ASTM D7647       >1300       1288           Particles >14µm       ASTM D7647       >80       105           Particles >21µm       ASTM D7647       >20       23           Particles >38µm       ASTM D7647       >4       1           Particles >71µm       ASTM D7647       >3       0           Oil Cleanliness       ISO 4406 (c)       >/17/13       19/17/14           FLUID DEGRADATION       method       limit/base       current       history1       history2	Potassium	ppm	ASTM D5185m	>20	1		
FLUID CLEANLINESS       method       limit/base       current       history1       history2         Particles >4µm       ASTM D7647       3457	Water	%	ASTM D6304	>0.05	0.008		
Particles >4μm       ASTM D7647       3457           Particles >6μm       ASTM D7647       >1300       1288           Particles >14μm       ASTM D7647       >80       105           Particles >14μm       ASTM D7647       >20       23           Particles >21μm       ASTM D7647       >20       23           Particles >38μm       ASTM D7647       >4       1           Particles >71μm       ASTM D7647       >3       0           Oil Cleanliness       ISO 4406 (c)       >/17/13       19/17/14           FLUID DEGRADATION       method       limit/base       current       history1       history2	ppm Water	ppm	ASTM D6304	>500	88		
Particles >6µm       ASTM D7647       >1300       1288           Particles >14µm       ASTM D7647       >80       105           Particles >14µm       ASTM D7647       >80       105           Particles >21µm       ASTM D7647       >20       23           Particles >38µm       ASTM D7647       >4       1           Particles >38µm       ASTM D7647       >4       1           Particles >71µm       ASTM D7647       >3       0           Oil Cleanliness       ISO 4406 (c)       >/17/13       19/17/14           FLUID DEGRADATION       method       limit/base       current       history1       history2	FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >6µm       ASTM D7647       >1300       1288           Particles >14µm       ASTM D7647       >80       ▲ 105           Particles >21µm       ASTM D7647       >20       23           Particles >38µm       ASTM D7647       >4       1           Particles >38µm       ASTM D7647       >4       1           Particles >71µm       ASTM D7647       >3       0           Oil Cleanliness       ISO 4406 (c)       >/17/13       ▲ 19/17/14           FLUID DEGRADATION       method       limit/base       current       history1       history2	Particles >4µm		ASTM D7647		3457		
Particles >21μm         ASTM D7647         >20         23             Particles >38μm         ASTM D7647         >4         1             Particles >38μm         ASTM D7647         >4         1             Particles >71μm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >/17/13< ▲ 19/17/14			ASTM D7647	>1300	1288		
Particles >38μm         ASTM D7647         >4         1             Particles >71μm         ASTM D7647         >3         0              Oil Cleanliness         ISO 4406 (c)         >/17/13         ▲ 19/17/14             FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >14µm		ASTM D7647	>80	<u> </u>		
Particles >38μm         ASTM D7647         >4         1             Particles >71μm         ASTM D7647         >3         0              Oil Cleanliness         ISO 4406 (c)         >/17/13         ▲ 19/17/14             FLUID DEGRADATION         method         limit/base         current         history1         history2	Particles >21µm		ASTM D7647	>20	23		
Particles >71μm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >/17/13         ▲ 19/17/14             FLUID DEGRADATION         method         limit/base         current         history1         history2			ASTM D7647	>4			
Oil Cleanliness       ISO 4406 (c)       >/17/13       ▲ 19/17/14           FLUID DEGRADATION       method       limit/base       current       history1       history2				>3	0		
	Oil Cleanliness						
Acid Number (AN) ma KOH/a ASTM D8045 1.0 0.18	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.18		



# **OIL ANALYSIS REPORT**

method

\*Visual

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method

ASTM D445

method

scalar \*Visual

scalar \*Visual

scalar

scalar

scalar

scalar

scalar

scalar

scalar

scalar

cSt

limit/base

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

limit/base

limit/base

491,52

122,880 30.720 7,680

480

120

30

(B/H0) MOX 0.96

Ê 0.72

- e 0.48

Acid

0.24

0.00

lov15/23

Nov15/23

Vov15/23

: 24 Nov 2023

: 29 Nov 2023

Diagnostician : Angela Borella

per 1 1,920

>0.05

45

current

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

current

current

Particle Count

Acid Number

NEG

NEG

43.7

history1

history

history1

no image

no image

214

38

PENSKE TRUCK LEASING

5200 SPECTOR DR

CHARLOTTE, NC

history2

history2

history2

no image

no imade

4406

:1999 Cle

14

VISUAL

White Metal

Yellow Metal

Precipitate

Silt

Debris

Odor

Color

Sand/Dirt

Appearance

Free Water

Visc @ 40°C

GRAPHS

Ferrous Alloys

Non-ferrous Metals

Viscosity @ 40°C

Seve

Abnor

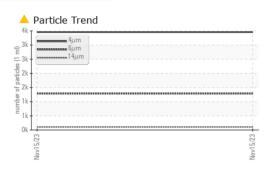
Abnor

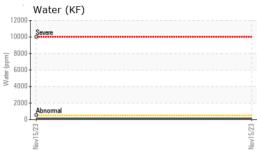
Se

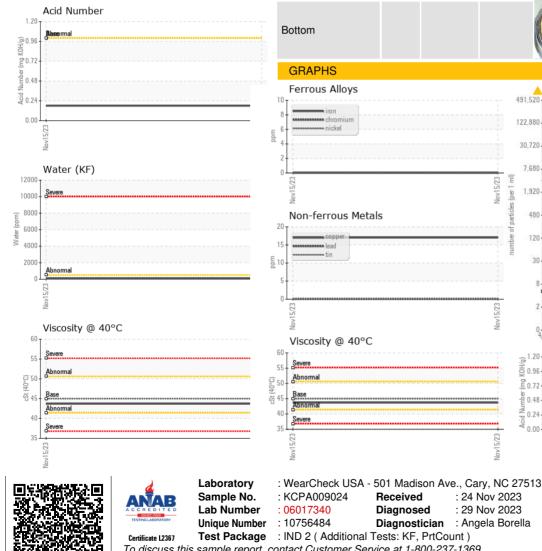
**Emulsified Water** 

FLUID PROPERTIES

SAMPLE IMAGES







To discuss this sample report, contact Customer Service at 1-800-237-1369. \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

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

Received

Diagnosed

US 28269