

## **OIL ANALYSIS REPORT**

Sample Rating Trend

ISO

Machine Id

# **KAESER 7748938**

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

#### Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

#### Fluid Condition

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

Sample Number       Client Info       KCPA015369           Sample Date       Client Info       3966           Oil Age       hrs       Client Info       3966           Oil Age       hrs       Client Info       3966           Oil Changed       Client Info       3966            Sample Status       Imathase       Current       ArtTeNTION           WEAR METALS       method       Imithase       current       history1          Trainum       ppm       ASTM 05185m       >50       0           Tatanium       ppm       ASTM 05185m       >3       0           Copper       ppm       ASTM 05185m       >10       0           Cadmium       ppm       ASTM 05185m       10       0           Vanadium       ppm       ASTM 05185m       0       0           Cadmium       ppm       ASTM 05185m       0       0           Mandium	SAMPLE INFORM	<b>IATION</b>	method	limit/base	current	history1	history2
Machine Age         hrs         Client Info         3966             Oil Age         hrs         Client Info         3966             Sample Status         Client Info         Changed             WEAR METALS         method         Imit/base         current         history1         history2           Iron         ppm         ASTM 05165n         >50         0             Nickel         ppm         ASTM 05165n         >3         0             Silver         ppm         ASTM 05165n         >3         <1             Copper         ppm         ASTM 05165n         >10         0             Vanadium         ppm         ASTM 05165n         >10         0             Copper         ppm         ASTM 05165n         >10         0             ADDITIVES         method         Imit/base         current         history1         history2           Barium         ppm         ASTM 05165n         0         2        <	Sample Number		Client Info		KCPA015369		
Oil Age         hrs         Client Info         3966             Sample Status         Client Info         ATTENTION             WEAR METALS         method         Imuthass         current         history1         history2           Iron         ppm         ASTM D5185m         >50         0             Nickel         ppm         ASTM D5185m         >3         0             Nickel         ppm         ASTM D5185m         >2         0             Aluminum         ppm         ASTM D5185m         >10         0             Auminum         ppm         ASTM D5185m         >10         0             Auminum         ppm         ASTM D5185m         >10         0             Agendum         ppm         ASTM D5185m         0         0             Agendum         ppm         ASTM D5185m         0         0             Agendum         ppm         ASTM D5185m         0         0          -	Sample Date		Client Info		01 Jun 2024		
Oil Changed Sample Status         Client Info         Changed ATTENTION             WEAR METALS         method         limit/base         current         History1         History2           Iron         ppm         ASTM D5185n         >50         0             Ohromium         ppm         ASTM D5185n         >30         0             Nickel         ppm         ASTM D5185n         >32         0             Silver         ppm         ASTM D5185n         >32         0             Aluminum         ppm         ASTM D5185n         >10         0             Copper         ppm         ASTM D5185n         >10         0             Vanadium         ppm         ASTM D5185n         0         0             ASTM D5185n         0         0         0              ASTM D5185n         0         0              ASTM D5185n         0         41	Machine Age	hrs	Client Info		3966		
Sample Status         Imit hold         Imit base         Current         History1         History2           Iron         ppm         ASTM D5185n         >50         0             Nickel         ppm         ASTM D5185n         >30         0             Nickel         ppm         ASTM D5185n         >30         0             Silver         ppm         ASTM D5185n         >30         0             Aluminum         ppm         ASTM D5185n         >10         <1             Aluminum         ppm         ASTM D5185n         >10         0             Copper         ppm         ASTM D5185n         >10         0             Cadmium         ppm         ASTM D5185n         0         0             ADDITIVES         method         Imit/base         current         history1         history2           Boron         ppm         ASTM D5185n         0         0             Magnaese         ppm         ASTM D5185n         0         <	Oil Age	hrs	Client Info		3966		
WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5155n         >50         0             Nickel         ppm         ASTM D5155n         >3         0             Nickel         ppm         ASTM D5155n         >3         0             Nickel         ppm         ASTM D5155n         >2         0             Aluminum         ppm         ASTM D5155n         >10         0             Lead         ppm         ASTM D5155n         >10         0             Copper         ppm         ASTM D5155n         >10         0             Vanadium         ppm         ASTM D5155n         >10         0             ADDITIVES         method         Imit/base         current         history1         history2           Barium         ppm         ASTM D5155n         0         0             Magnesse         ppm         ASTM D5155n         0         1	Oil Changed		Client Info		Changed		
Iron         ppm         ASTM D5185m         >50         0             Nickel         ppm         ASTM D5185m         >3         0             Nickel         ppm         ASTM D5185m         >3         0             Silver         ppm         ASTM D5185m         >3         <1             Aluminum         ppm         ASTM D5185m         >10         <1             Lead         ppm         ASTM D5185m         >10         0             Copper         ppm         ASTM D5185m         >50         3             Adminum         ppm         ASTM D5185m         >50         3             Cadmium         ppm         ASTM D5185m         >50         3             ADDITIVES         method         limit/base         current         history1         history2           Barium         ppm         ASTM D5185m         0              Magnesium         ppm         ASTM D5185m	Sample Status				ATTENTION		
ppm         ASTM D5185m         >10         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             Vanadium         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         >10         0             ADDITIVES         method         imit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Magneseum         ppm         ASTM D5185m         0         1             Magnesium         ppm         ASTM D5185m         0         11	WEAR METALS		method	limit/base	current	history1	history2
Nickel         ppm         ASTM D5185m         >3         0             Titanium         ppm         ASTM D5185m         >3         <1	Iron	ppm	ASTM D5185m	>50	0		
Titanium         ppm         ASTM D5185m         >3         <1             Silver         ppm         ASTM D5185m         >2         0             Aluminum         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             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Maganese         ppm         ASTM D5185m         0         21             Maganese         ppm         ASTM D5185m         0         21             Calcium         ppm         ASTM D5185m         0         21	Chromium	ppm	ASTM D5185m	>10	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             Vanadium         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         0         0             Cadmium         ppm         ASTM D5185m         0         0             ADDITIVES         method         Imit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Magnaese         ppm         ASTM D5185m         0         1             Magnaesium         ppm         ASTM D5185m         0         1             Sulfur         ppm         ASTM D5185m         0         1	Nickel	ppm	ASTM D5185m	>3	0		
Aluminum         ppm         ASTM D5185m         >10         <1             Lead         ppm         ASTM D5185m         >10         0             Copper         ppm         ASTM D5185m         >50         3             Vanadium         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         0         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Magnese         ppm         ASTM D5185m         0         0             Magnesium         ppm         ASTM D5185m         0         2             Zinc         ppm         ASTM D5185m         0         2             Sulfur         ppm         ASTM D5185m         0         11             Sulfur         ppm         ASTM D5185m         25         1	Titanium	ppm	ASTM D5185m	>3	<1		
Lead       ppm       ASTM D5185m       >10       0           Copper       ppm       ASTM D5185m       >50       3           Tin       ppm       ASTM D5185m       >10       0           Vanadium       ppm       ASTM D5185m       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           Calcium       ppm       ASTM D5185m       0       21           Magnesium       ppm       ASTM D5185m       0       11           Calcium       ppm       ASTM D5185m       0       11           Sulfur       ppm       ASTM D5185m       23500       21208           Sulfur       ppm       ASTM	Silver	ppm	ASTM D5185m	>2	0		
Copper         ppm         ASTM D5185m         >50         3             Tin         ppm         ASTM D5185m         >10         0             Vanadium         ppm         ASTM D5185m         >10         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Molybdenum         ppm         ASTM D5185m         0         0             Magnesiam         ppm         ASTM D5185m         0         0             Magnesiam         ppm         ASTM D5185m         0         41             Magnesiam         ppm         ASTM D5185m         0         21             Calcium         ppm         ASTM D5185m         0         11             Sulfur         ppm         ASTM D5185m         0         111             Sulfur         ppm         ASTM D5185m <t< td=""><td>Aluminum</td><td>ppm</td><td>ASTM D5185m</td><td>&gt;10</td><th>&lt;1</th><td></td><td></td></t<>	Aluminum	ppm	ASTM D5185m	>10	<1		
Tin       ppm       ASTM D5185m       >10       0           Vanadium       ppm       ASTM D5185m       0           Cadmium       ppm       ASTM D5185m       0       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       2           Magnesium       ppm       ASTM D5185m       0       2           Magnesium       ppm       ASTM D5185m       0       2           Sulfur       ppm       ASTM D5185m       0       11           Sulfur       ppm       ASTM D5185m       2.5       <1           Sulfur       ppm       ASTM D5185m       2.0	Lead	ppm	ASTM D5185m	>10	0		
Tin       ppm       ASTM D5185m       >10       0           Vanadium       ppm       ASTM D5185m        <1	Copper	ppm	ASTM D5185m	>50	3		
Cadmium         ppm         ASTM D5185m         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Barium         ppm         ASTM D5185m         0         0             Manganese         ppm         ASTM D5185m         0         0             Magnese         ppm         ASTM D5185m         0         <1             Magnese         ppm         ASTM D5185m         0         <1             Calcium         ppm         ASTM D5185m         0         <1             Sulfur         ppm         ASTM D5185m         0         21             Sulfur         ppm         ASTM D5185m         0         21             Sulfur         ppm         ASTM D5185m         23500         21208             Sulfur         ppm         ASTM D5185m         >25         <1		ppm	ASTM D5185m	>10	0		
ADDITIVES         method         limil/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0             Barium         ppm         ASTM D5185m         0         0             Molybdenum         ppm         ASTM D5185m         0         0             Magnesium         ppm         ASTM D5185m         0         41             Calcium         ppm         ASTM D5185m         0         41             Phosphorus         ppm         ASTM D5185m         0         2             Sulfur         ppm         ASTM D5185m         0         11             Sulfur         ppm         ASTM D5185m         23500         21208             Solium         ppm         ASTM D5185m         20         5             Solium         ppm         ASTM D5185m         20         5             Solium         ppm         ASTM D6304         0	Vanadium	ppm	ASTM D5185m		<1		
Boron         ppm         ASTM D5185m         0         0             Barium         ppm         ASTM D5185m         90         6             Molybdenum         ppm         ASTM D5185m         0         0             Manganese         ppm         ASTM D5185m         100         41             Magnesium         ppm         ASTM D5185m         0         <1	Cadmium	ppm	ASTM D5185m		0		
Barium         ppm         ASTM D5185m         90         6             Molybdenum         ppm         ASTM D5185m         0         0             Manganese         ppm         ASTM D5185m         0         41             Magnesium         ppm         ASTM D5185m         100         41             Calcium         ppm         ASTM D5185m         0         21             Calcium         ppm         ASTM D5185m         0         2             Phosphorus         ppm         ASTM D5185m         0         11             Sulfur         ppm         ASTM D5185m         23500         21208             Sulfur         ppm         ASTM D5185m         225         <1             Sodium         ppm         ASTM D5185m         >20         5             Vater         %         ASTM D5185m         >20         5             Patticles >4µm         ASTM D6304         >0.05	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum         ppm         ASTM D5185m         0         0             Manganese         ppm         ASTM D5185m         100         41             Magnesium         ppm         ASTM D5185m         100         41             Calcium         ppm         ASTM D5185m         0         <1	Boron	ppm	ASTM D5185m	0	0		
Maganese         ppm         ASTM D5185m         <1             Magnesium         ppm         ASTM D5185m         100         41             Calcium         ppm         ASTM D5185m         0         <1	Barium	ppm	ASTM D5185m	90	6		
Magnesium         ppm         ASTM D5185m         100         41             Calcium         ppm         ASTM D5185m         0         <1	Molybdenum	ppm	ASTM D5185m	0	0		
Calcium       ppm       ASTM D5185m       0       <1	Manganese	ppm	ASTM D5185m		<1		
Phosphorus         ppm         ASTM D5185m         0         2             Zinc         ppm         ASTM D5185m         0         11             Sulfur         ppm         ASTM D5185m         23500         21208             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         <1	Magnesium	ppm	ASTM D5185m	100	41		
Zinc         ppm         ASTM D5185m         0         11             Sulfur         ppm         ASTM D5185m         23500         21208             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         <1	Calcium	ppm	ASTM D5185m	0	<1		
Sulfur         ppm         ASTM D5185m         23500         21208             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         <1             Sodium         ppm         ASTM D5185m         >25         <1             Sodium         ppm         ASTM D5185m         >20         5             Potassium         ppm         ASTM D5185m         >20         5             Water         %         ASTM D5185m         >20         5             Water         %         ASTM D6304         >0.05         0.018             ppm Water         ppm         ASTM D7647         4838             Particles >4µm         ASTM D7647         >1300         2367             Particles >14µm         ASTM D7647         >80         57             Particles >21µm         ASTM D7647         >20         8 <t< td=""><td>Phosphorus</td><td>ppm</td><td>ASTM D5185m</td><td>0</td><th>2</th><td></td><td></td></t<>	Phosphorus	ppm	ASTM D5185m	0	2		
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>25<1	Zinc	ppm	ASTM D5185m	0	11		
Silicon       ppm       ASTM D5185m       >25       <1	Sulfur	ppm	ASTM D5185m	23500	21208		
Sodium         ppm         ASTM D5185m         19             Potassium         ppm         ASTM D5185m         >20         5             Water         %         ASTM D6304         >0.05         0.018             ppm Water         ppm         ASTM D6304         >500         182             FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         4838              Particles >6µm         ASTM D7647         >1300         2367             Particles >6µm         ASTM D7647         >80         57             Particles >14µm         ASTM D7647         >20         8             Particles >38µm         ASTM D7647         >3         0             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >/17/13         19/18/13	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium         ppm         ASTM D5185m         >20         5             Water         %         ASTM D6304         >0.05         0.018             ppm Water         ppm         ASTM D6304         >500         182             FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         4838             Particles >6µm         ASTM D7647         2367             Particles >14µm         ASTM D7647         >80         57             Particles >14µm         ASTM D7647         >20         8             Particles >38µm         ASTM D7647         >3         0             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)        /17/13         19/18/13             FLUID DEGRADATION         method         limit/base         current         history1         history2	Silicon	ppm	ASTM D5185m	>25			
Water         %         ASTM D6304         >0.05         0.018             ppm Water         ppm         ASTM D6304         >500         182             FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         4838             Particles >6µm         ASTM D7647         2367             Particles >6µm         ASTM D7647         >80         57             Particles >14µm         ASTM D7647         >20         8             Particles >21µm         ASTM D7647         >20         8             Particles >38µm         ASTM D7647         >3         0             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >/17/13         19/18/13             FLUID DEGRADATION         method         limit/base         current         history1         history2	Sodium	ppm	ASTM D5185m		19		
ppm Water         ppm         ASTM D6304         >500         182             FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         4838             Particles >6µm         ASTM D7647         >1300         2367             Particles >14µm         ASTM D7647         >80         57             Particles >21µm         ASTM D7647         >20         8             Particles >21µm         ASTM D7647         >4         0             Particles >38µm         ASTM D7647         >3         0             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)        /17/13         19/18/13             FLUID DEGRADATION         method         limit/base         current         history1         history2	Potassium	ppm	ASTM D5185m	>20	5		
FLUID CLEANLINESS         method         limit/base         current         history1         history2           Particles >4µm         ASTM D7647         4838             Particles >6µm         ASTM D7647         >1300         2367            Particles >6µm         ASTM D7647         >80         57            Particles >14µm         ASTM D7647         >20         8            Particles >21µm         ASTM D7647         >20         8            Particles >38µm         ASTM D7647         >4         0            Particles >71µm         ASTM D7647         >3         0            Oil Cleanliness         ISO 4406 (c)         >/17/13         19/18/13            FLUID DEGRADATION         method         limit/base         current         history1         history2	Water	%	ASTM D6304	>0.05	0.018		
Particles >4μm       ASTM D7647       4838           Particles >6μm       ASTM D7647       >1300       2367           Particles >14μm       ASTM D7647       >80       57           Particles >21μm       ASTM D7647       >20       8           Particles >21μm       ASTM D7647       >20       8           Particles >38μm       ASTM D7647       >4       0           Particles >71μm       ASTM D7647       >3       0           Oil Cleanliness       ISO 4406 (c)       >/17/13       19/18/13           FLUID DEGRADATION       method       limit/base       current       history1       history2	ppm Water	ppm	ASTM D6304	>500	182		
Particles >6µm         ASTM D7647         >1300         2367             Particles >14µm         ASTM D7647         >80         57             Particles >21µm         ASTM D7647         >20         8             Particles >21µm         ASTM D7647         >20         8             Particles >38µm         ASTM D7647         >4         0             Particles >71µm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >/17/13         19/18/13             FLUID DEGRADATION         method         limit/base         current         history1         history2	FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >14µm       ASTM D7647       >80 <b>57</b> Particles >21µm       ASTM D7647       >20 <b>8</b> Particles >38µm       ASTM D7647       >4 <b>0</b> Particles >38µm       ASTM D7647       >3 <b>0</b> Particles >71µm       ASTM D7647       >3 <b>0</b> Oil Cleanliness       ISO 4406 (c)       >/17/13 <b>19/18/13</b> FLUID DEGRADATION       method       limit/base       current       history1       history2							
Particles >21μm         ASTM D7647         >20         8             Particles >38μm         ASTM D7647         >4         0             Particles >37μm         ASTM D7647         >3         0             Particles >71μm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >/17/13         19/18/13             FLUID DEGRADATION         method         limit/base         current         history1         history2					-		
Particles >38μm         ASTM D7647         >4         0             Particles >71μm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >/17/13         19/18/13             FLUID DEGRADATION         method         limit/base         current         history1         history2							
Particles >71μm         ASTM D7647         >3         0             Oil Cleanliness         ISO 4406 (c)         >/17/13         19/18/13             FLUID DEGRADATION         method         limit/base         current         history1         history2			ASTM D7647	>20			
Oil Cleanliness       ISO 4406 (c) >/17/13       19/18/13           FLUID DEGRADATION       method       limit/base       current       history1       history2			ASTM D7647	>4			
FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>3	0		
	Oil Cleanliness		ISO 4406 (c)	>/17/13	<b>e</b> 19/18/13		
Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.31	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.31		



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r of particles (1 r SS 38

1.20

(B/H0.9 KOH/8) E0.72 Pi 0.24 0.00 DC

12000

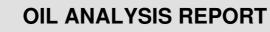
10000 Seven

800 Water (ppm) 6000

4000 2000

() 50 () 50 15 45 B Abnormal 40 Se 35

Built for a lifetime."



	VISUAL			limit/base			history
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
				NONE			
24							
/lunf/							
,							
		scalar		>0.05			
	Free Water	scalar	*Visual		NEG		
	FLUID PROPER	TIES	method	limit/base	current	history1	history
	Visc @ 40°C	cSt	ASTM D445	45	44.5		
	SAMPLE IMAGE	S	method	limit/base	current	history1	history
/24	Color					no image	no imag
Junl	00.0.						
	Bottom				(	no image	no imag
	GRAPHS						
					Particle Count		
	<sup>10</sup> L			491,520			
	8 - iron			122.88			
10.1	C menero nickal			122,000			
1	· 4			30,720	)-		
	2-			7.00			
	0						
	Z/Lun			7/Lin 1,920			
		_		J cles (p			
		ls		·te 480			
	s copper			jo jaj 120			
				31	0-		
v	2				3		
61-1					abreemai	/	
-	1/24			1/24	2-		、 · · · · · · · · · · · · · · · · · · ·
	hur			h			
	Viscosity @ 40°C					14μ 21μ	38µ 7
	60 T			-1.20			
				¥0.9	Basermal		
				Ē 0.7	2		
	경 45 - Base 정 45 - Abnormal				3 -		
	40			N p 0.24			
	35				) L		
V G	Jun1/24			Jun 1/24	Jun1/24		
1	шĻ			Ju	J.		
atorv	: WearCheck USA - 50	)1 Madiso	on Ave Carv	, NC 27513		Δ	MAZON B
	: WearCheck USA - 5( : KCPA015369	)1 Madiso <b>Rece</b>		v, NC 27513 7 Jun 2024			MAZON B
e No.	: WearCheck USA - 5( : KCPA015369 : 06212463		ived : 17			1215	MAZON B KENNEDY WINDSOR
		White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance Odor Emulsified Water Free Water FLUID PROPER Visc @ 40°C SAMPLE IMAGE Color Bottom GRAPHS Ferrous Alloys In the formula Color Bottom	White Metal scalar Yellow Metal scalar Precipitate scalar Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Emulsified Water scalar Free Water scalar Free Water scalar <b>FLUID PROPERTIES</b> Visc @ 40°C cSt SAMPLE IMAGES Color Bottom GRAPHS Ferrous Alloys	White Metal scalar *Visual Precipitate scalar *Visual Precipitate scalar *Visual Debris scalar *Visual Sand/Dirt scalar *Visual Appearance scalar *Visual Odor scalar *Visual Emulsified Water scalar *Visual Free Water scalar *Visual Free Water scalar *Visual Free Water scalar *Visual Color cst ASTM D445 SAMPLE IMAGES method Visc @ 40°C cSt ASTM D445 SAMPLE IMAGES method Color Bottom GRAPHS Ferrous Alloys 10 0 0 0 0 0 0 0 0 0 0 0 0 0	White Metal scalar *Visual NONE Yellow Metal scalar *Visual NONE Precipitate scalar *Visual NONE Sitt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NORML Odor scalar *Visual NORML Odor scalar *Visual NORML Odor scalar *Visual NORML Odor scalar *Visual NORML More the scalar *Visual NORML Odor scalar *Visual NORML Odor scalar *Visual NORML Color C cSt ASTM D445 45 SAMPLE IMAGES method imit/base Visc @ 40°C cSt ASTM D445 45 SAMPLE IMAGES method imit/base Visc @ 40°C cSt ASTM D445 45 SAMPLE IMAGES method imit/base Visc @ 40°C cSt ASTM D445 45 Samon ferrous Metals Of the scalar *Visual NORML Uscosity @ 40°C Viscosity @ 40°C Of the scalar *Visual NORML Other ferrous Metals Of the scalar *Visual NORML Color (122,800) Of the scalar *Visual NORML Color (122,800) Mon-ferrous Metals (122,800) Of the scalar *Visual NORML Color (122,800) Of the scalar *Visual NORML Color (122,800) Of the scalar *Visual NORML Color (122,800) Of the scalar *Visual NORML Of the scalar *Visual NORML (122,800) (122,8	White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Sitt scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Codor scalar *Visual NORML NORML Precipitate scalar *Visual NONE NONE Precipitate scalar *Visual NORML NORML NORML Odor scalar *Visual NORML NORML NORML State scalar *Visual NORML NOR	Visual       NONE          Yellow Metal       scalar       'Visual       NONE          Precipitate       scalar       'Visual       NONE       NONE          Sitt       scalar       'Visual       NONE       NONE          Debris       scalar       'Visual       NONE       NONE          Appearance       scalar       'Visual       NONE        NORE          Appearance       scalar       'Visual       NORML       NORML        NORML          Color       scalar       'Visual       NORML       NORML        NORML          Yisual       NORML       NORML       NORML        NORML          Emulsified Water       scalar       'Visual       NORML       NORML        Nor         Visce @ 40°C       cSt       ASTM D445       45       44.5          SAMPLE IMAGES       method       Imit/base       current       history1         Or       Imit/base       current       history1       Imit/base          Viscosity @ 40°C

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)

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Contact/Location: WESLEY PE - AMAWINCT

T:

F:

wesley.pe@amazon.com