

Machine Id MATTEI MEFFWJ-2013

Compressor

ROTOROIL 8000 (5 GAL)

RECOMMENDATION

We recommend an early resample to monitor this condition.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

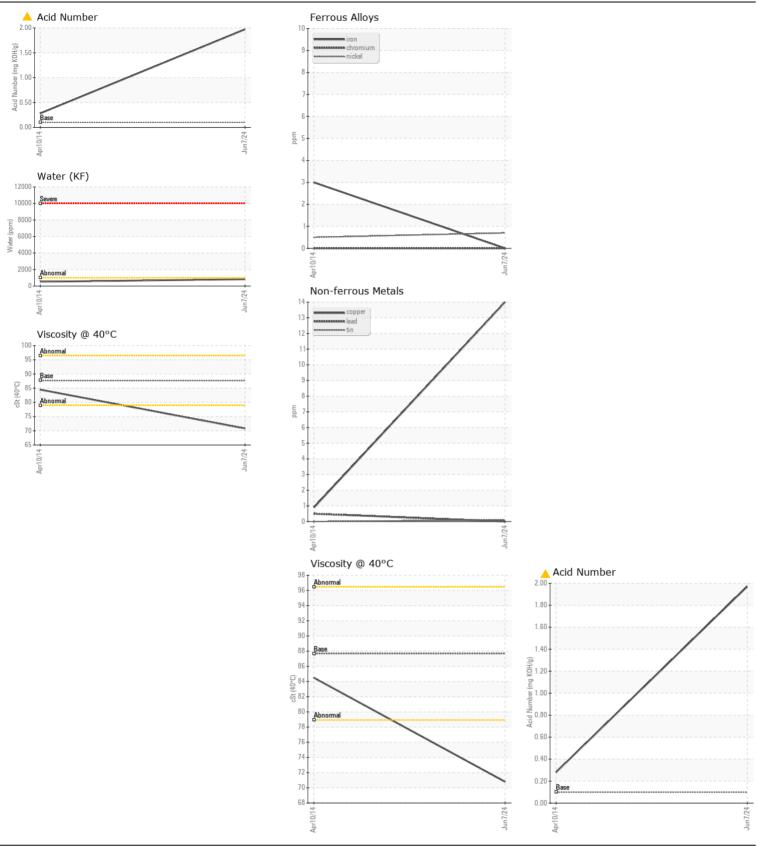
The AN level is at the top-end of the recommended limit.

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Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		AN37625	AN015368	
Sample Date		Client Info		07 Jun 2024	10 Apr 2014	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		4300	2159	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		N/A	N/A	
Filter Changed		Client Info		N/A	N/A	
Sample Status				ABNORMAL	ABNORMAL	
Iron		ASTM D5185m	>50	•	0	
Chromium	ppm	ASTM D5185m		0	3	
Nickel	ppm	ASTM D5185m	>10	0 <1		
	ppm			<1	<1	
Titanium Silver	ppm	ASTM D5185m ASTM D5185m		-	0	
Aluminum	ppm	ASTM D5185m	>25	<1	0 <1	
	ppm	ASTM D5185m	>25 >25	<1		
Lead	ppm		>25 >50	0 14	<1	
Copper	ppm	ASTM D5185m	>50		<1 0	
Tin	ppm		CI<	<1 0		
Vanadium White Metal	ppm scalar	ASTM D5185m *Visual	NONE	U NONE	0 NONE	
Yellow Metal		*Visual	NONE		NONE	
	scalar	visuai	NONL	NONE	NONL	
Silicon	ppm	ASTM D5185m	>25	2	4 8	
Potassium	ppm	ASTM D5185m	>20	<1	3	
Water						
	%	ASTM D6304	>0.1	0.082	0.052	
ppm Water	% ppm	ASTM D6304 ASTM D6304	>0.1 >1000	0.082 825	0.052 520	
ppm Water	ppm	ASTM D6304	>1000	825	520	
ppm Water Silt	ppm scalar	ASTM D6304 *Visual	>1000 NONE	825 NONE	520 NONE	
ppm Water Silt Debris	ppm scalar scalar	ASTM D6304 *Visual *Visual	>1000 NONE NONE	825 NONE NONE	520 NONE LIGHT	
ppm Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D6304 *Visual *Visual *Visual	>1000 NONE NONE NONE	825 NONE NONE NONE	520 NONE LIGHT NONE	
ppm Water Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar	ASTM D6304 *Visual *Visual *Visual *Visual	>1000 NONE NONE NONE	825 NONE NONE NONE NORML	520 NONE LIGHT NONE NORML	
ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm scalar scalar scalar scalar scalar scalar	ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual	>1000 NONE NONE NORML NORML	825 NONE NONE NORE NORML NORML NEG	520 NONE LIGHT NONE NORML NORML NEG	
ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar	ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>1000 NONE NONE NORML NORML	825 NONE NONE NORE NORML NEG 31	520 NONE LIGHT NONE NORML NEG 7	
ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>1000 NONE NONE NORML NORML	825 NONE NONE NORML NORML NEG 31 0	520 NONE LIGHT NONE NORML NORML NEG 7 <1	
ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>1000 NONE NONE NORML NORML	825 NONE NONE NORML NORML NEG 31 0 0	520 NONE LIGHT NORML NORML NEG 7 <1 0	
ppm Water Silt Debris Sand/Dirt Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>1000 NONE NONE NORML NORML	825 NONE NONE NORML NORML NEG 31 0 0 0	520 NONE LIGHT NORML NORML NEG 7 <1 0 0	
ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>1000 NONE NONE NORML NORML	825 NONE NONE NORML NORML NEG 31 0 0 0 0 <1	520 NONE LIGHT NORML NORML NEG 7 <1 0 0 0 <1	
ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>1000 NONE NONE NORML NORML	825 NONE NONE NORML NORML NEG 31 0 0 0 0 <1 0	520 NONE LIGHT NORML NORML NEG 7 <1 0 0 <1 0	
ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>1000 NONE NONE NORML >0.1	825 NONE NONE NORML NORML NEG 31 0 0 0 4 1 0 0 0 0 0 0	520 NONE LIGHT NORML NORML NEG 7 <1 0 0 <1 0 0 <1 0 3	
ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>1000 NONE NONE NORML NORML	825 NONE NONE NORML NORML NEG 31 0 0 0 2 1 0 0 2 1 0 0 2 726	520 NONE LIGHT NORML NORML NEG 7 <1 0 0 <1 0 3 840	
ppm Water Silt Solt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Barium Barium Malybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>1000 NONE NONE NORML >0.1	825 NONE NONE NORML NORML NEG 31 0 0 0 <1 0 0 2 1 0 0 2 1 2 0 0 1 28	520 NONE LIGHT NORML NORML NEG 7 <1 0 0 <1 0 3 840 52	
ppm Water Silt Sebris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>1000 NONE NONE NORML >0.1	825 NONE NONE NORML NORML NEG 31 0 0 0 <1 0 0 2 1 26 128 0	520 NONE LIGHT NORML NORML NEG 7 <1 0 0 <1 0 3 840 52 176	
ppm Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D6304 *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>1000 NONE NONE NORML >0.1	825 NONE NONE NORML NORML NEG 31 0 0 0 <1 0 0 2 1 0 0 2 1 2 0 0 1 28	520 NONE LIGHT NORML NORML NEG 7 <1 0 0 <1 0 3 840 52	

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION ABNORMAL

Contact/Location: MARTY WARD - MATTEI



MATTEI COMPRESSORS--OEM Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : AN37625 Received : 27 Jun 2024 9635 LIBERTY ROAD, SUITE E Lab Number : 06222399 Tested : 01 Jul 2024 RANDALLSTOWN, MD Unique Number : 11100596 Diagnosed : 01 Jul 2024 - Jonathan Hester US 21133 Test Package : IND 2 Contact: MARTY WARD Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. jward@matteicomp.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (410)521-7020 F: (410)521-7024

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

Contact/Location: MARTY WARD - MATTEI Page 2 of 2