WEAR
CONTAMINATION
FLUID CONDITION

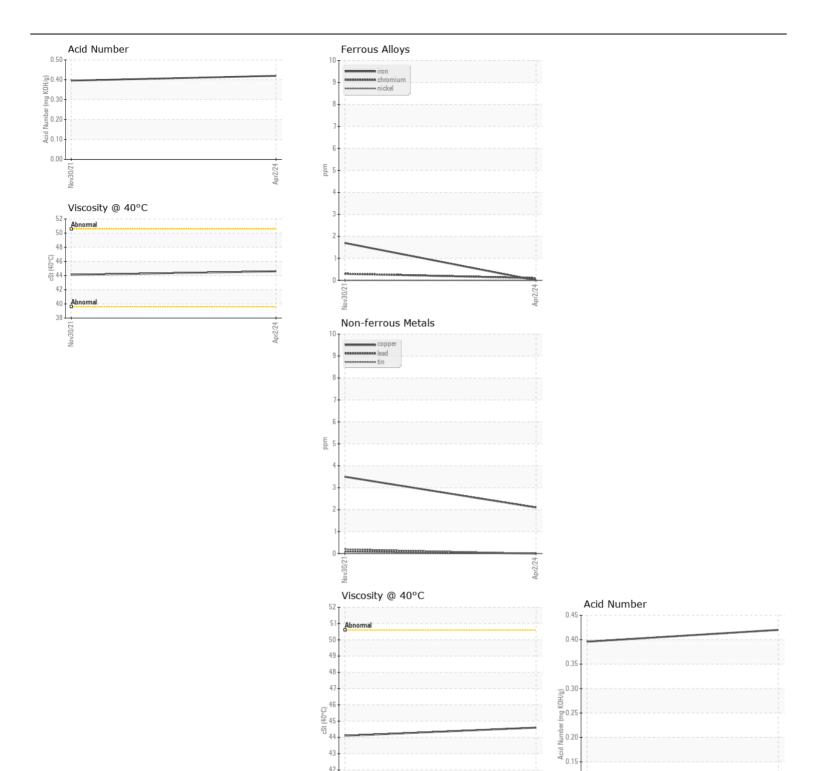
NORMAL NORMAL

NOT GIVEN [8829]

## **KAESER 1051 - POWER PLANT SERVICES**

Compressor

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UDI06152092	UCH05415578	
Sample Date		Client Info		02 Apr 2024	30 Nov 2021	
Machine Age	hrs	Client Info		54230	45511	
Oil Age	hrs	Client Info		3000	2162	
Filter Age	hrs	Client Info		3000	2162	
Oil Changed		Client Info		Changed	Changed	
Filter Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	NORMAL	
lvon		ACTM DE10Em	. 50	• • • • • • • • • • • • • • • • • • • •	0	
			-			
			>10	-		
				-		
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>25	0	<1	
Potassium	ppm			1	5	
Water		WC Method	>0.05	NEG	NEG	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	
•						
Manganese	ppm	ASTM D5185m		0	<1	
N 4	ppm	ASTM D5185m		24	47	
Magnesium		AOTH DE105			_	
Calcium	ppm	ASTM D5185m		1	0	
Calcium Phosphorus	ppm	ASTM D5185m		3	6	
Calcium Phosphorus Zinc	ppm ppm	ASTM D5185m ASTM D5185m		3 41	6 40	
Calcium Phosphorus Zinc Sulfur	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		3 41 20263	6 40 15522	
Calcium Phosphorus Zinc	ppm ppm	ASTM D5185m ASTM D5185m		3 41	6 40	
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	Sample Number Sample Date Machine Age hrs Oil Age hrs Oil Age hrs Oil Changed Filter Changed Sample Status  Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water spm Boron ppm Barium ppm	Sample Number Sample Date Sample Date Machine Age Dilent Info Oil Age Filter Age Oil Changed Filter Changed Sample Status  Iron Chromium Ppm ASTM D5185m Nickel Ppm ASTM D5185m Titanium Ppm ASTM D5185m Aluminum Ppm ASTM D5185m Copper Ppm ASTM D5185m Tin Ppm ASTM D5185m Vanadium Ppm ASTM D5185m White Metal Scalar Yellow Metal Scalar Silt Scalar Scalar Scalar Scalar Appearance Scalar Scalar Scalar Scalar Scalar Scalar Appearance Scalar Scalar Scalar Scalar Appearance Scalar Sc	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Client Info Oil Age hrs Client Info Oil Changed Filter Age hrs Client Info Client Info Client Info Oil Changed Filter Changed Sample Status  Iron  ppm ASTM D5185m S3 Titanium ppm ASTM D5185m S3 Silver ppm ASTM D5185m S2 Aluminum ppm ASTM D5185m S10 Copper ppm ASTM D5185m S50 Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar Visual NONE Silicon ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium Vallow Metal Scalar Visual NONE Silicon ppm ASTM D5185m S20 Water WC Method S0.05 Silt Scalar Visual NONE Sand/Dirt scalar Avisual NONE Sand/Dirt Appearance Scalar Avisual NONE Sand/Dirt Appearance Scalar Avisual NONE Scalar Avisual NORML Emulsified Water Scalar Avisual NORML Emulsified Water Scalar Avisual NORML Boron ASTM D5185m Boron ASTM D5185m Boron ASTM D5185m	Sample Number         Client Info         UDI06152092           Sample Date         Client Info         02 Apr 2024           Machine Age         hrs         Client Info         54230           Oil Age         hrs         Client Info         3000           Filter Age         hrs         Client Info         Changed           Oil Changed         Client Info         Changed           Filter Changed         Client Info         Changed           Sample Status         Client Info         Changed           NORMAL         Chromium         ppm         ASTM D5185m         >50         0           Chromium         ppm         ASTM D5185m         >10         <1           Nickel         ppm         ASTM D5185m         >3         0           Silver         ppm         ASTM D5185m         >3         0           Silver         ppm         ASTM D5185m         >10         0           Lead         ppm         ASTM D5185m         >10         0           Copper         ppm         ASTM D5185m         >10         0           Vanadium         ppm         ASTM D5185m         >0         2           White Metal         scalar	Sample Number         Client Info         UDI06152092         UCH05415578           Sample Date         Client Info         02 Apr 2024         30 Nov 2021           Machine Age         hrs         Client Info         54230         45511           Oil Age         hrs         Client Info         3000         2162           Filter Age         hrs         Client Info         Changed         Changed           Oil Changed         Client Info         Changed         Changed           Silter Changed         Client Info         Changed         Changed           Sample Status         NORMAL         NORMAL         NORMAL           Iron         ppm         ASTM D5185m         >50         0         2           Chromium         ppm         ASTM D5185m         >10         <1         <1           Nickel         ppm         ASTM D5185m         >3         0         0         <2           Chromium         ppm         ASTM D5185m         >3         0         0         <1           Nickel         ppm         ASTM D5185m         >3         0         0         <1           Aluminum         ppm         ASTM D5185m         >10         0         <1







Certificate L2367

Laboratory Sample No.

Lab Number : 06152092 Unique Number: 10982170 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UDI06152092 Received : 17 Apr 2024

**Tested** : 18 Apr 2024 Diagnosed : 19 Apr 2024 - Sean Felton

**DELTA INDUSTRIES - DOWNERS GROVE** 

2201 CURTISS STREET DOWNERS GROVE, IL US 60515 Contact: MICHAEL FERRIS

To discuss this sample report, contact Customer Service at 1-800-237-1369.

39 38

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

0.10 0.05

0.00

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (630)960-3931