

OIL ANALYSIS REPORT

Debris

Odor

Sand/Dirt

Appearance

Emulsified Water

scalar

scalar

scalar

scalar

scalar

*Visual

*Visual

*Visual

*Visual

*Visual

scalar *Visual

NONE

NONE

NORML

NORML

>0.05

NONE

NONE

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S-460 [6399] **KAESER 1311 - PERFECTIOLN PLATING** Component

Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

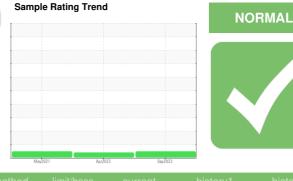
All component wear rates are normal.

Contamination

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.





		Ma	y2021	May2021 Ap;2023 Sap2023					
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2			
Sample Number		Client Info		UCH05962322	UCH05824474	UCH05264496			
Sample Date		Client Info		07 Sep 2023	13 Apr 2023	19 May 2021			
Machine Age	hrs	Client Info		18307	24069	26287			
Oil Age	hrs	Client Info		4969	3347	2926			
Oil Changed		Client Info		Not Changd	N/A	Changed			
Sample Status				NORMAL	ABNORMAL	NORMAL			
WEAR METALS		method	limit/base	current	history1	history2			
Iron	ppm	ASTM D5185m	>50	0	0	<1			
Chromium	ppm	ASTM D5185m	>10	0	0	0			
Nickel	ppm	ASTM D5185m	>3	0	0	<1			
Titanium	ppm	ASTM D5185m	>3	0	0	0			
Silver	ppm	ASTM D5185m	>2	0	0	<1			
Aluminum	ppm	ASTM D5185m		0	0	<1			
Lead	ppm	ASTM D5185m	>10	0	0	<1			
Copper	ppm	ASTM D5185m		6	7	4			
Tin	ppm	ASTM D5185m	>10	0	0	<1			
Antimony	ppm	ASTM D5185m				1			
Vanadium	ppm	ASTM D5185m		0	<1	0			
Cadmium	ppm	ASTM D5185m		0	0	0			
ADDITIVES		method	limit/base	current	history1	history2			
Boron	ppm	ASTM D5185m		0	0	1			
Barium	ppm	ASTM D5185m	90	17	0	8			
Molybdenum	ppm	ASTM D5185m		0	0	0			
Manganese	ppm	ASTM D5185m		<1	<1	<1			
Magnesium	ppm	ASTM D5185m	90	40	31	47			
Calcium	ppm	ASTM D5185m	2	2	0	<1			
Phosphorus	ppm	ASTM D5185m		0	0	2			
Zinc	ppm	ASTM D5185m		<1	2	0			
Sulfur	ppm	ASTM D5185m		16490	21423	16036			
CONTAMINANTS	6	method	limit/base	current	history1	history2			
Silicon	ppm	ASTM D5185m	>25	<1	<1	0			
Sodium	ppm	ASTM D5185m		8	10	30			
Potassium	ppm	ASTM D5185m	>20	2	0	4			
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2			
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.37	0.35	0.246			
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			
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NEG

NONE

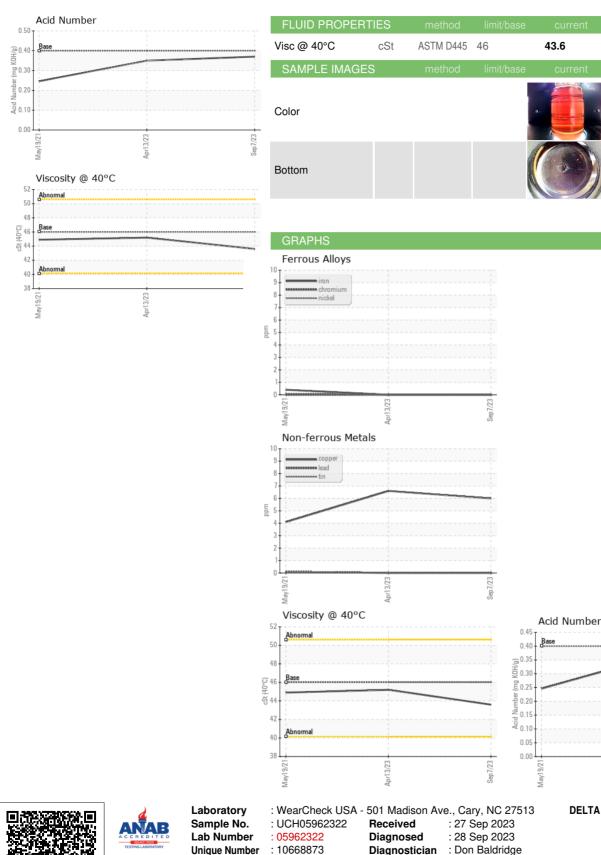
NONE

NORML

NORML



OIL ANALYSIS REPORT



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

Apr13/23

Test Package : IND 2 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)

T: F: (630)960-3931

Certificate L2367

45.2

44.9