

OIL ANALYSIS REPORT

Sample Rating Trend



Area **A3** Shipping pump-31009A Component

Pump Fluid

NOT GIVEN (--- GAL)

Recommendation

Resample at the next service interval to monitor.

Wear

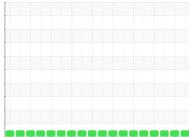
All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

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





ug2013 Jan2015 Jan2016 Jan2017 Mar2018 Jan2019 Jun2020 Anr2021 0+2022

SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0745570	WC0670614	WC05477922
Sample Date		Client Info		24 Aug 2023	05 Oct 2022	28 Jan 2022
Machine Age	mths	Client Info		0	0	0
Oil Age	mths	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>90	0	<1	2
Chromium	ppm	ASTM D5185m	>5	0	0	0
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>7	0	<1	0
Lead	ppm	ASTM D5185m	>12	0	<1	2
Copper	ppm	ASTM D5185m	>30	<1	<1	3
Tin	ppm	ASTM D5185m	>9	0	0	0
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		<1	0	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		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		83	85	96
Calcium	ppm	ASTM D5185m		<1	2	4
Phosphorus	ppm	ASTM D5185m		<1	6	34
Zinc	ppm	ASTM D5185m		0	0	<1
Sulfur	ppm	ASTM D5185m		20634	20779	15546
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>60	2	2	8
Sodium	ppm	ASTM D5185m		2	0	0
Potassium	ppm	ASTM D5185m	>20	0	0	1
Water	%	ASTM D6304		0.027		
ppm Water	ppm	ASTM D6304	>.1	271.2		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	1710	3842	2796
Particles >6µm		ASTM D7647	>1300	500	566	288
Particles >14µm		ASTM D7647	>160	45	49	13
Particles >21µm		ASTM D7647	>40	14	17	5
Particles >38µm		ASTM D7647	>10	1	1	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	18/16/13	19/16/13	19/15/11
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.376	0.36	0.34

Acid Number (AN) Report Id: CONANCAK [WUSCAR] 05935381 (Generated: 09/02/2023 02:12:33) Rev: 1

Contact/Location: Chris Van Ryzin Ben DeRaeve - CONANCAK



Water

Varnish Potential

Viscosity @ 100°C

1.20

0.9 _늘0.7⁵ 2 n 4

0.00

50

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3

10

Π.

20

15

cSt (100°C)

Aug24/23

Abnorma

OIL ANALYSIS REPORT

scalar

scalar

White Metal

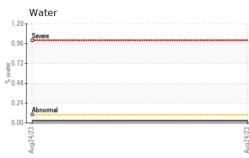
Yellow Metal

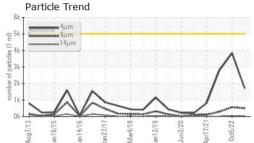
*Visual

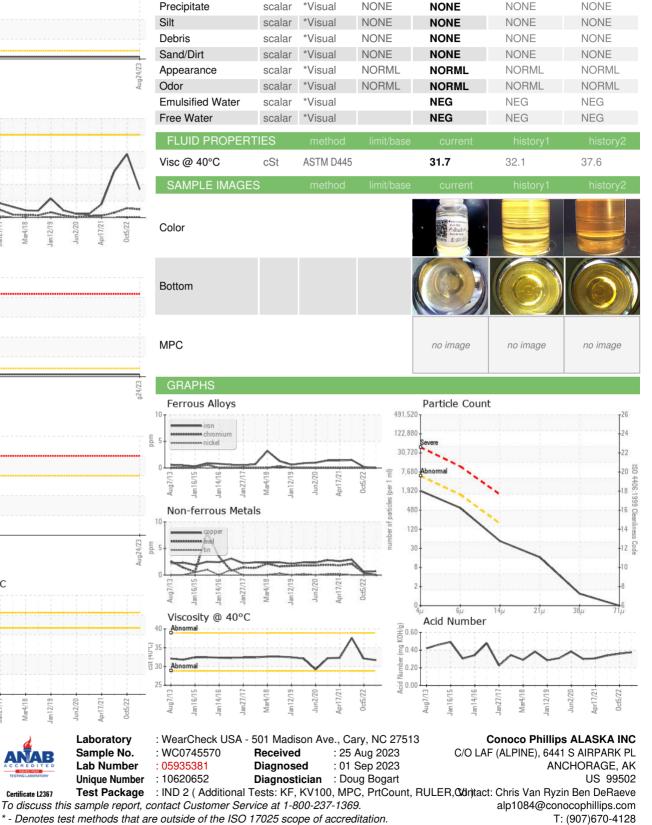
*Visual

NONE

NONE







NONE

NONE

NONE

NONE

LIGHT

NONE

* - 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)

Certificate L2367

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