



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area

[20-1974]

Machine Id

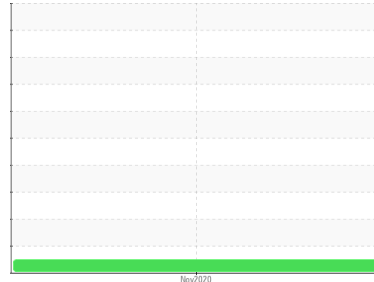
KAESER 7003210 - BIG O DODGE (S/N 1464)

Component

Compressor

Fluid

KAESER SIGMA (OEM) S-460 (2 GAL)



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.

SAMPLE INFORMATION

method	limit/base	current	history 1	history 2
Sample Number	Client Info	WC0460578	---	---
Sample Date	Client Info	24 Nov 2020	---	---
Machine Age	hrs Client Info	5180	---	---
Oil Age	hrs Client Info	1347	---	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		NORMAL	---	---

WEAR METALS

method	limit/base	current	history 1	history 2
Iron ppm	ASTM D5185m >50	0	---	---
Chromium ppm	ASTM D5185m >10	0	---	---
Nickel ppm	ASTM D5185m >3	0	---	---
Titanium ppm	ASTM D5185m >3	0	---	---
Silver ppm	ASTM D5185m >2	<1	---	---
Aluminum ppm	ASTM D5185m >10	0	---	---
Lead ppm	ASTM D5185m >10	<1	---	---
Copper ppm	ASTM D5185m >50	1	---	---
Tin ppm	ASTM D5185m >10	0	---	---
Antimony ppm	ASTM D5185m	0	---	---
Vanadium ppm	ASTM D5185m	0	---	---
Cadmium ppm	ASTM D5185m	0	---	---

ADDITIVES

method	limit/base	current	history 1	history 2
Boron ppm	ASTM D5185m	<1	---	---
Barium ppm	ASTM D5185m 90	5	---	---
Molybdenum ppm	ASTM D5185m	0	---	---
Manganese ppm	ASTM D5185m	<1	---	---
Magnesium ppm	ASTM D5185m 90	75	---	---
Calcium ppm	ASTM D5185m 2	0	---	---
Phosphorus ppm	ASTM D5185m	2	---	---
Zinc ppm	ASTM D5185m	0	---	---
Sulfur ppm	ASTM D5185m	18151	---	---

CONTAMINANTS

method	limit/base	current	history 1	history 2
Silicon ppm	ASTM D5185m >25	0	---	---
Sodium ppm	ASTM D5185m	14	---	---
Potassium ppm	ASTM D5185m >20	4	---	---

FLUID DEGRADATION

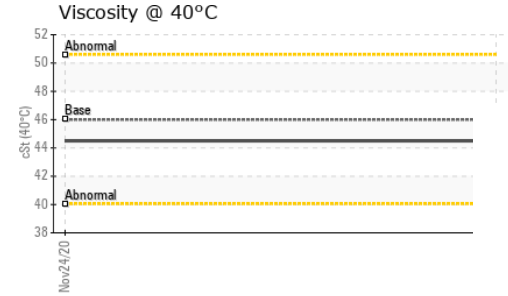
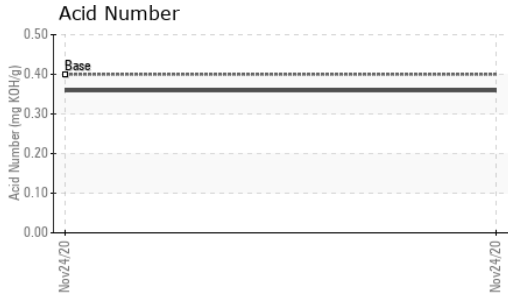
method	limit/base	current	history 1	history 2
Acid Number (AN) mg KOH/g	ASTM D8045 0.4	0.359	---	---

VISUAL

method	limit/base	current	history 1	history 2
White Metal scalar	*Visual NONE	NONE	---	---
Yellow Metal scalar	*Visual NONE	NONE	---	---
Precipitate scalar	*Visual NONE	NONE	---	---
Silt scalar	*Visual NONE	NONE	---	---
Debris scalar	*Visual NONE	LIGHT	---	---
Sand/Dirt scalar	*Visual NONE	NONE	---	---
Appearance scalar	*Visual NORML	NORML	---	---
Odor scalar	*Visual NORML	NORML	---	---
Emulsified Water scalar	*Visual >0.05	NEG	---	---
Free Water scalar	*Visual	NEG	---	---



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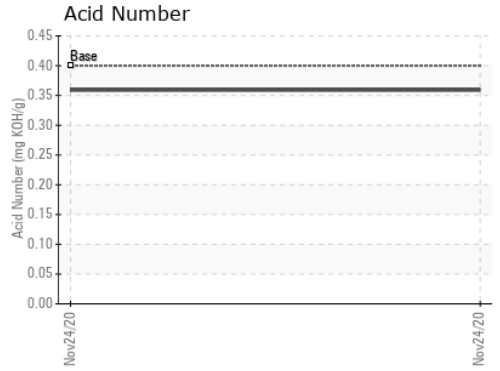
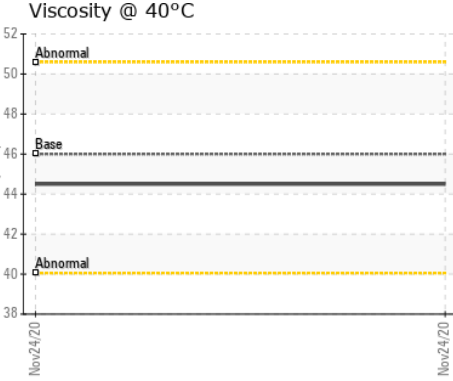
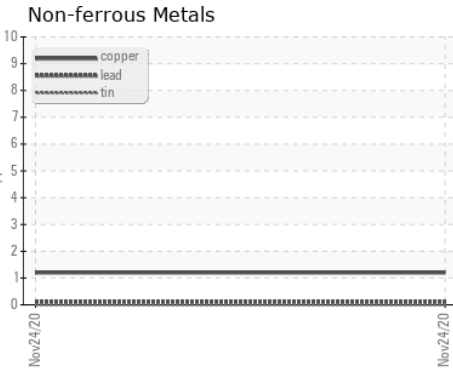
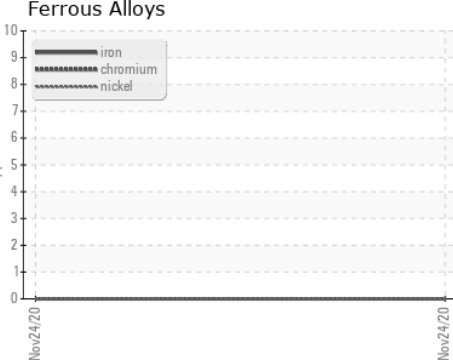
FLUID PROPERTIES

method	limit/base	current	history 1	history 2	
Visc @ 40°C	cSt	ASTM D445 46	44.5	---	---

SAMPLE IMAGES

method	limit/base	current	history 1	history 2
Color			no image	no image
Bottom			no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0460578 **Received** : 03 Dec 2020
Lab Number : 05128845 **Diagnosed** : 04 Dec 2020
Unique Number : 9274114 **Diagnostician** : Jonathan Hester
Test Package : IND 2

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 302 HUGHES ST
 FOUNTAIN INN, SC
 US 29644
 Contact: DARRIN WARD
 dward@elevatedindustrial.com
 T:
 F: (864)862-7653

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)