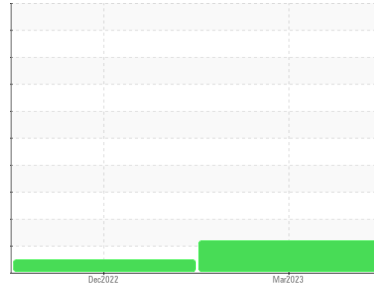




OIL ANALYSIS REPORT

Sample Rating Trend



VISUAL METAL



Machine Id
ALJON 314
 Component
Rear Left Final Drive
 Fluid
DURA SYN 632 (--- GAL)

DIAGNOSIS

Recommendation

We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor.

Wear

High concentration of visible metal present. 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 acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		DC0030002	DC0029997	---
Sample Date	Client Info		06 Mar 2023	21 Dec 2022	---
Machine Age	hrs	Client Info	752	512	---
Oil Age	hrs	Client Info	704	464	---
Oil Changed	Client Info		Not Chngd	Not Chngd	---
Sample Status			ABNORMAL	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	48	82	---
Chromium	ppm	ASTM D5185m >10	0	<1	---
Nickel	ppm	ASTM D5185m >10	<1	<1	---
Titanium	ppm	ASTM D5185m	0	0	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >25	<1	<1	---
Lead	ppm	ASTM D5185m >25	2	<1	---
Copper	ppm	ASTM D5185m >50	3	20	---
Tin	ppm	ASTM D5185m >10	0	0	---
Vanadium	ppm	ASTM D5185m	<1	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	---
Barium	ppm	ASTM D5185m	2	2	---
Molybdenum	ppm	ASTM D5185m	0	0	---
Manganese	ppm	ASTM D5185m	<1	<1	---
Magnesium	ppm	ASTM D5185m	<1	<1	---
Calcium	ppm	ASTM D5185m	0	<1	---
Phosphorus	ppm	ASTM D5185m	554	425	---
Zinc	ppm	ASTM D5185m	3	9	---
Sulfur	ppm	ASTM D5185m	74	27	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	26	24	---
Sodium	ppm	ASTM D5185m	6	8	---
Potassium	ppm	ASTM D5185m >20	<1	<1	---

FLUID DEGRADATION

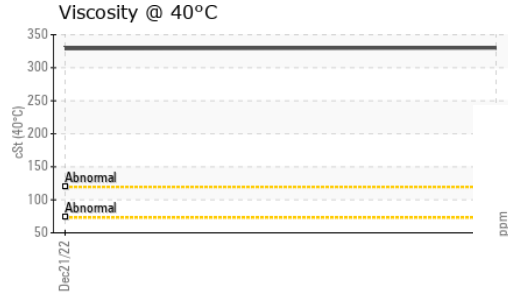
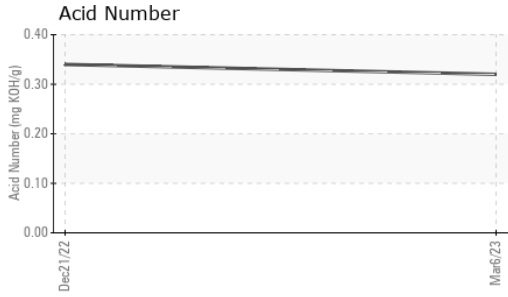
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.32	0.34	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	▲ HEAVY	NONE	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
Silt	scalar	*Visual NONE	MODER	MODER	---
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 >0.2	NEG	NEG	---
Free Water	scalar	*Visual	NEG	NEG	---



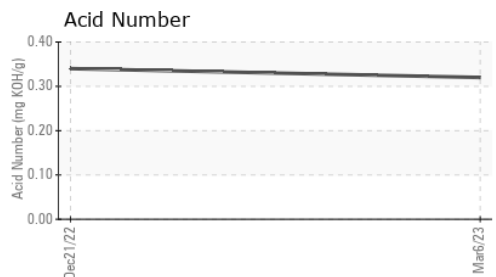
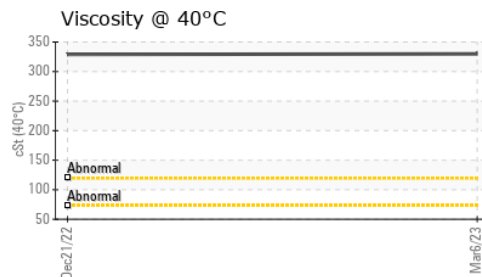
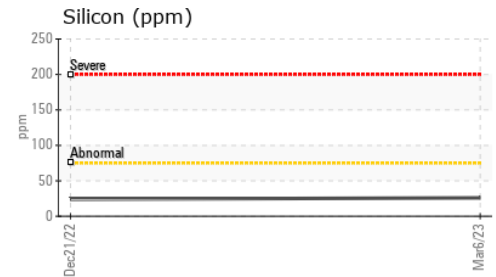
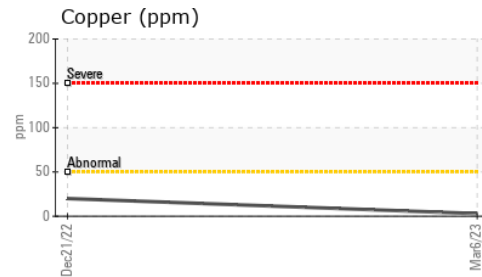
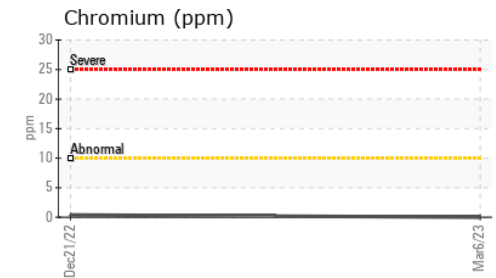
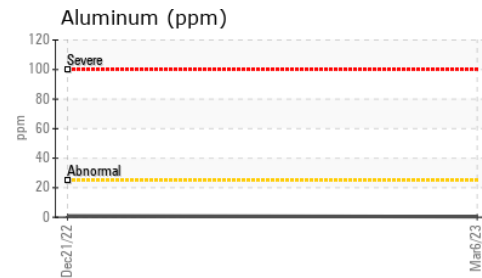
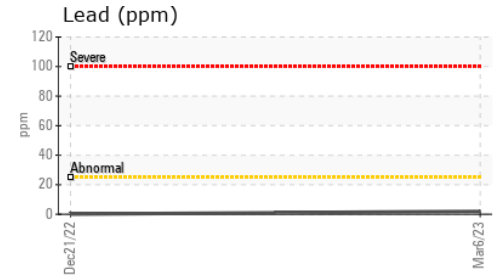
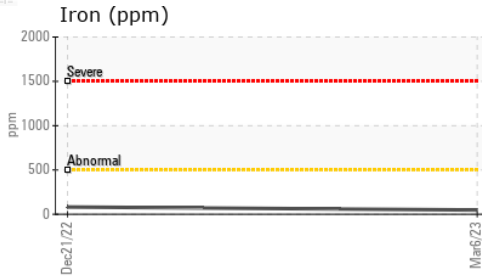
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	330	329	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			no image	no image	no image
Bottom			no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : DC0030002 **Received** : 14 Jul 2023
Lab Number : 05898727 **Diagnosed** : 17 Jul 2023
Unique Number : 10560083 **Diagnostician** : Don Baldrige
Test Package : MOB 2

DAYS COVE
 6425 DAYS COVE RD
 WHITE MARSH, MD
 US 21162
 Contact: MARIE GLEASON
 sgleason@dayscove.com
 T: (410)335-3778
 F: (410)344-1448

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)