



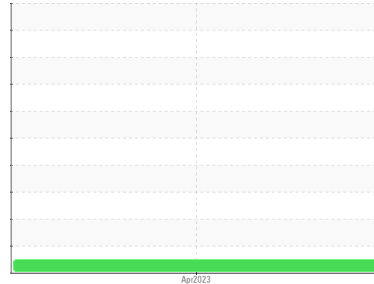
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
DHKCGBBTHL0001537
 Component
Left Gearbox
 Fluid
DOOSAN 80W90 (--- 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 condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history 1	history 2
Sample Number	Client Info		WC0811273	---	---
Sample Date	Client Info		26 Apr 2023	---	---
Machine Age	hrs	Client Info	1105	---	---
Oil Age	hrs	Client Info	505	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history 1	history 2
PQ	ASTM D8184*		217	---	---
Iron	ppm	ASTM D5185(m) >200	498	---	---
Chromium	ppm	ASTM D5185(m) >10	4	---	---
Nickel	ppm	ASTM D5185(m) >10	2	---	---
Titanium	ppm	ASTM D5185(m)	2	---	---
Silver	ppm	ASTM D5185(m)	0	---	---
Aluminum	ppm	ASTM D5185(m) >25	26	---	---
Lead	ppm	ASTM D5185(m) >50	<1	---	---
Copper	ppm	ASTM D5185(m) >200	<1	---	---
Tin	ppm	ASTM D5185(m) >10	<1	---	---
Antimony	ppm	ASTM D5185(m) >5	0	---	---
Vanadium	ppm	ASTM D5185(m)	<1	---	---
Beryllium	ppm	ASTM D5185(m)	0	---	---
Cadmium	ppm	ASTM D5185(m)	0	---	---

ADDITIVES

	method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185(m)	4	---	---
Barium	ppm	ASTM D5185(m)	0	---	---
Molybdenum	ppm	ASTM D5185(m)	<1	---	---
Manganese	ppm	ASTM D5185(m)	8	---	---
Magnesium	ppm	ASTM D5185(m)	11	---	---
Calcium	ppm	ASTM D5185(m)	92	---	---
Phosphorus	ppm	ASTM D5185(m)	2149	---	---
Zinc	ppm	ASTM D5185(m)	14	---	---
Sulfur	ppm	ASTM D5185(m)	21758	---	---
Lithium	ppm	ASTM D5185(m)	1	---	---

CONTAMINANTS

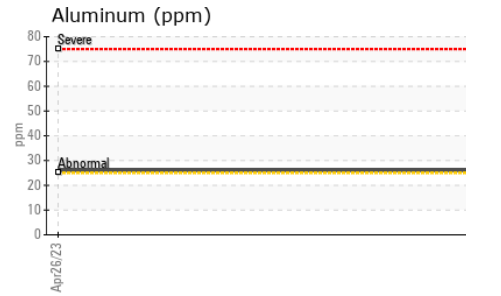
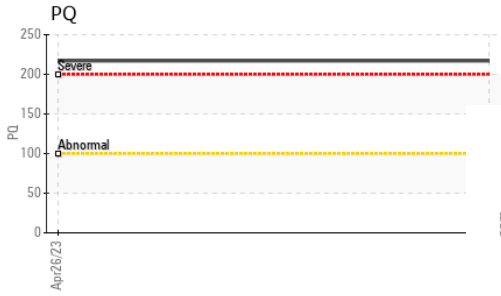
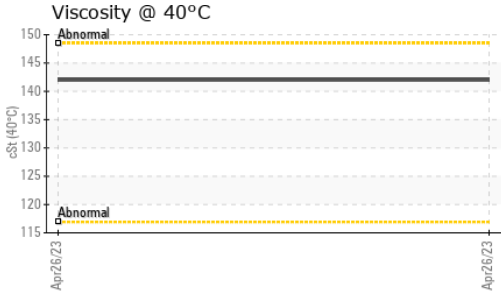
	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185(m) >50	98	---	---
Sodium	ppm	ASTM D5185(m)	10	---	---
Potassium	ppm	ASTM D5185(m) >20	10	---	---

VISUAL

	method	limit/base	current	history 1	history 2
White Metal	scalar	Visual* NONE	VLITE	---	---
Yellow Metal	scalar	Visual* NONE	NONE	---	---
Precipitate	scalar	Visual* NONE	NONE	---	---
Silt	scalar	Visual* NONE	VLITE	---	---
Debris	scalar	Visual* NONE	NONE	---	---
Sand/Dirt	scalar	Visual* NONE	NONE	---	---
Appearance	scalar	Visual* NORML	NORML	---	---
Odor	scalar	Visual* NORML	NORML	---	---
Emulsified Water	scalar	Visual* >0.2	NEG	---	---
Free Water	scalar	Visual*	NEG	---	---



OIL ANALYSIS REPORT



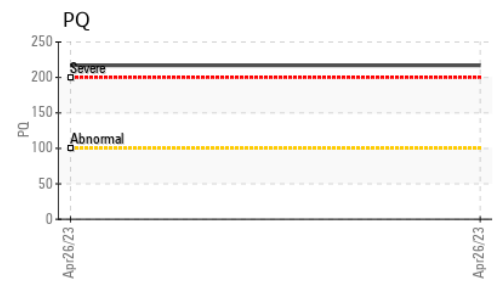
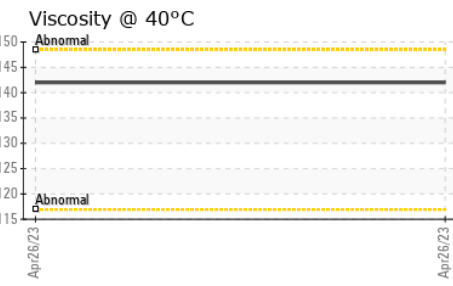
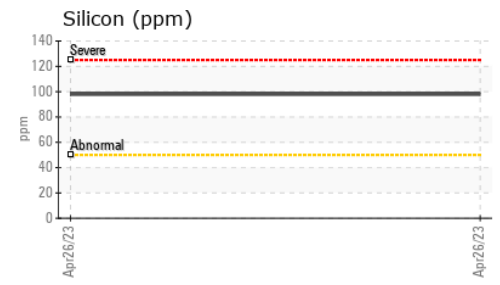
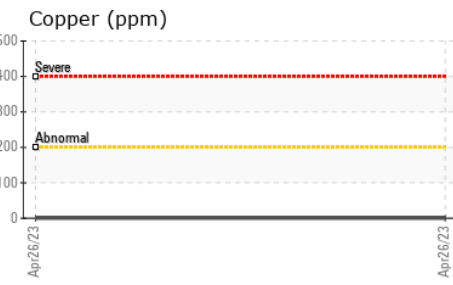
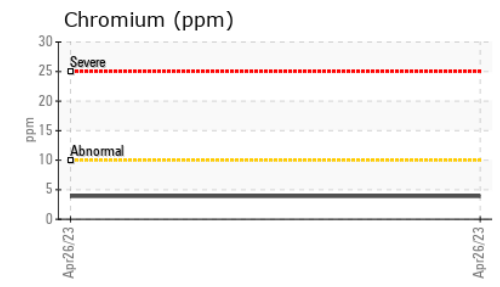
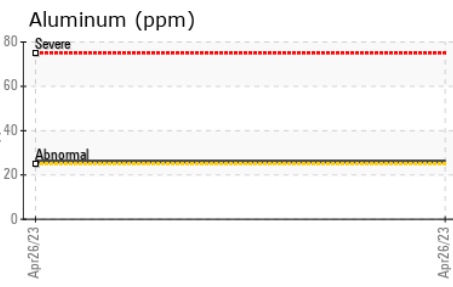
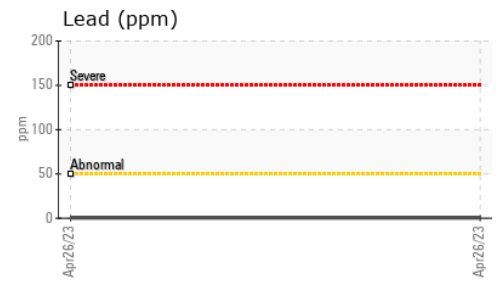
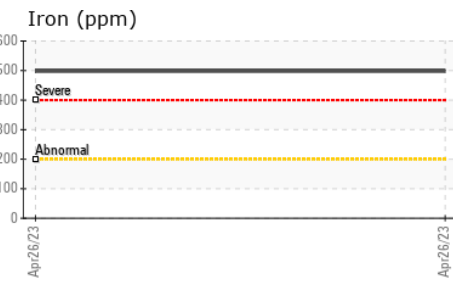
FLUID PROPERTIES

Property	Method	Limit/Base	Current	History 1	History 2
Visc @ 40°C	cSt	ASTM D7279(m)	142	---	---

SAMPLE IMAGES

Property	Method	Limit/Base	Current	History 1	History 2
Color				no image	no image
Bottom				no image	no image

GRAPHS



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0811273 **Received** : 03 May 2023
Lab Number : 02555145 **Diagnosed** : 04 May 2023
Unique Number : 5568160 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: PQ)

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

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