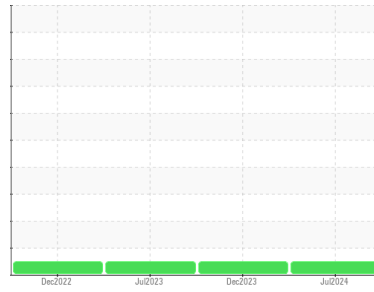




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
AREA 3 EXTRUSION
 Machine Id
N9-B EXTRUDER GEARBOX
 Component
Gearbox
 Fluid
PETRO CANADA ENDURATEX EP 150 (33 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	history1	history2
Sample Number	Client Info		KFS0005102	KFS0004192	WC0762603
Sample Date	Client Info		10 Jul 2024	20 Dec 2023	31 Jul 2023
Machine Age	yrs	Client Info	0	0	6
Oil Age	yrs	Client Info	0	0	6
Oil Changed	Client Info		Filtered	Oil Added	Filtered
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	8	5	10
Chromium	ppm	ASTM D5185m >15	0	0	0
Nickel	ppm	ASTM D5185m >15	0	0	0
Titanium	ppm	ASTM D5185m	0	0	0
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	<1	0	0
Lead	ppm	ASTM D5185m >100	0	0	<1
Copper	ppm	ASTM D5185m >200	4	2	5
Tin	ppm	ASTM D5185m >25	<1	0	0
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 55	14	16	16
Barium	ppm	ASTM D5185m 0	0	0	0
Molybdenum	ppm	ASTM D5185m 0	0	0	0
Manganese	ppm	ASTM D5185m 0	0	<1	<1
Magnesium	ppm	ASTM D5185m 2	0	<1	0
Calcium	ppm	ASTM D5185m 6	<1	2	0
Phosphorus	ppm	ASTM D5185m 250	229	234	270
Zinc	ppm	ASTM D5185m 3	0	0	<1
Sulfur	ppm	ASTM D5185m 7500	8007	6197	9557

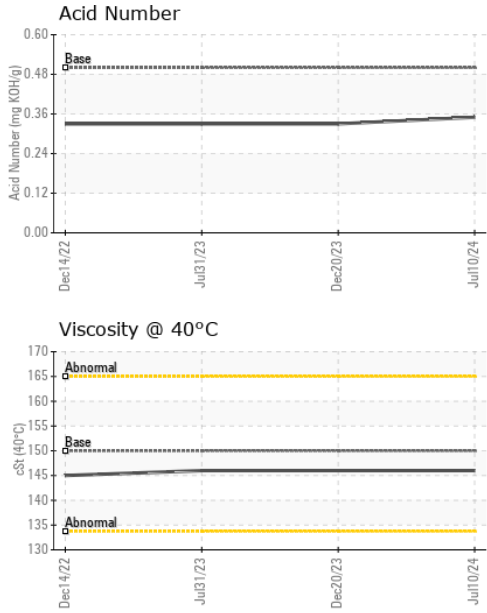
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	1	<1	2
Sodium	ppm	ASTM D5185m	<1	0	0
Potassium	ppm	ASTM D5185m >20	<1	0	1

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.5	0.35	0.33	0.33

OIL ANALYSIS REPORT



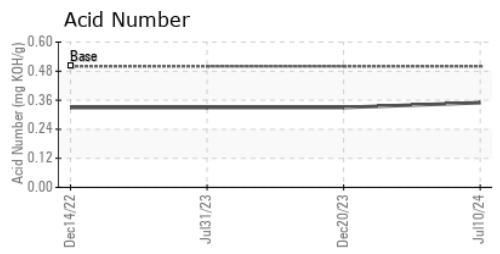
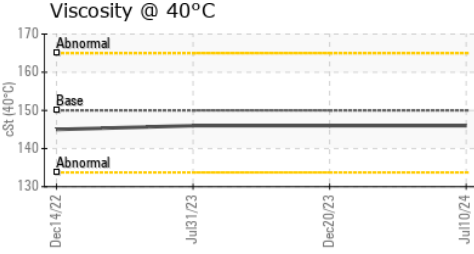
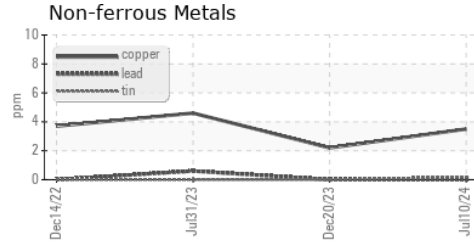
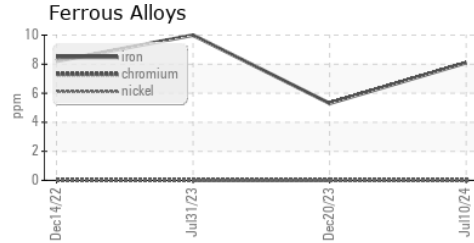
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	150.0	146	146	146

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : KFS0005102 **Received** : 12 Jul 2024
Lab Number : **06235085** **Tested** : 15 Jul 2024
Unique Number : 11123919 **Diagnosed** : 15 Jul 2024 - Wes Davis
Test Package : IND 2

Berry Global Inc. - Nashville
 463 Harding Industrial Drive
 Nashville, TN
 US 37211
 Contact: Mike Kraay
 mikekraay@berryglobal.com
 T: (615)833-1572
 F:

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)