



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
SEW EURODRIVE 13380908 (S/N K77DT90L4VS-KS)

Component
Gearbox

Fluid
ROYAL PURPLE SYNFILM GT220 (--- 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	RP0030072	---	---
Sample Date	Client Info	19 Jul 2023	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		NORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>200	72	---	---
Chromium ppm ASTM D5185m	>15	<1	---	---
Nickel ppm ASTM D5185m	>15	0	---	---
Titanium ppm ASTM D5185m		0	---	---
Silver ppm ASTM D5185m		<1	---	---
Aluminum ppm ASTM D5185m	>25	<1	---	---
Lead ppm ASTM D5185m	>100	0	---	---
Copper ppm ASTM D5185m	>200	0	---	---
Tin ppm ASTM D5185m	>25	0	---	---
Vanadium ppm ASTM D5185m		0	---	---
Cadmium ppm ASTM D5185m		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		0	---	---
Barium ppm ASTM D5185m		0	---	---
Molybdenum ppm ASTM D5185m		0	---	---
Manganese ppm ASTM D5185m		1	---	---
Magnesium ppm ASTM D5185m	90	24	---	---
Calcium ppm ASTM D5185m		8	---	---
Phosphorus ppm ASTM D5185m		213	---	---
Zinc ppm ASTM D5185m		50	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>50	<1	---	---
Sodium ppm ASTM D5185m		4	---	---
Potassium ppm ASTM D5185m	>20	2	---	---
Water % ASTM D6304	>0.2	0.009	---	---
ppm Water ppm ASTM D6304	>2000	98.6	---	---

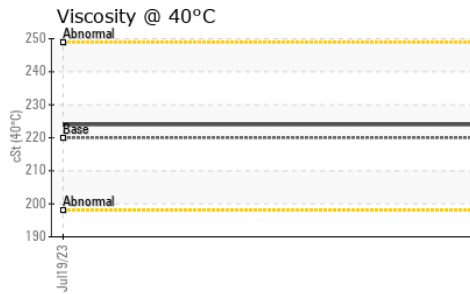
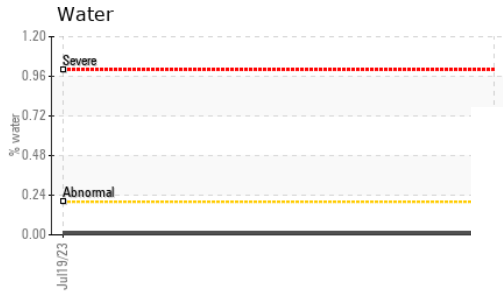
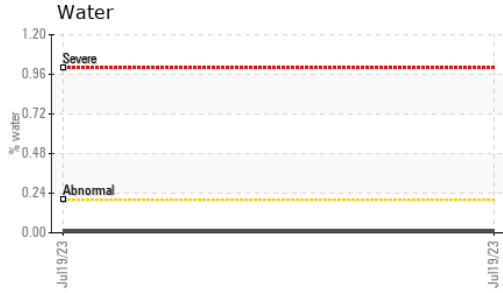
FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045	0.25	1.86	---	---

VISUAL

method	limit/base	current	history1	history2
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	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

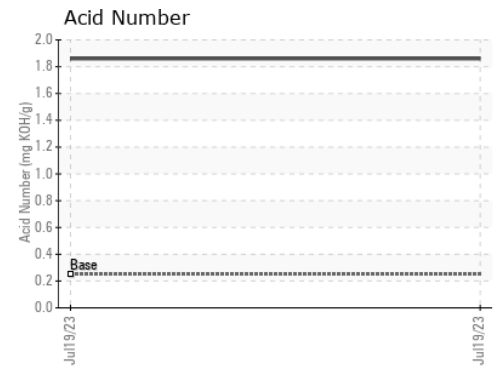
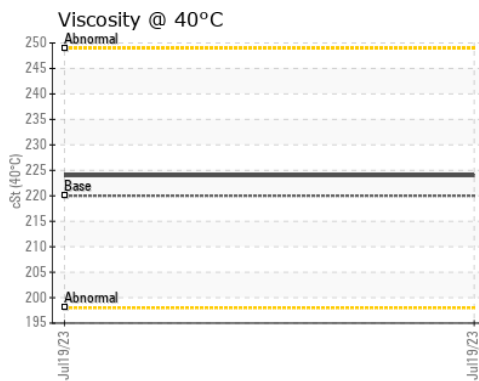
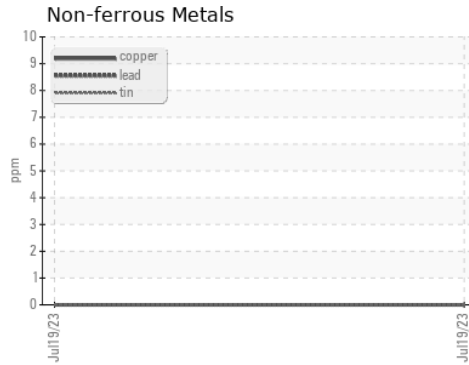
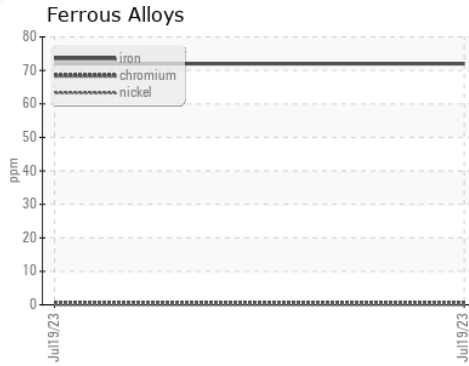


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	220	224	---	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0030072 **Received** : 20 Jul 2023
Lab Number : **05903814** **Diagnosed** : 24 Jul 2023
Unique Number : 10565170 **Diagnostician** : Don Baldrige
Test Package : IND 2

VEOLIA SMITHFIELD
 P.O. BOX 17249
 SMITHFIELD, RI
 US 02917
 Contact: JAMES PROULX
 james.proulx@veolia.com

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)

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