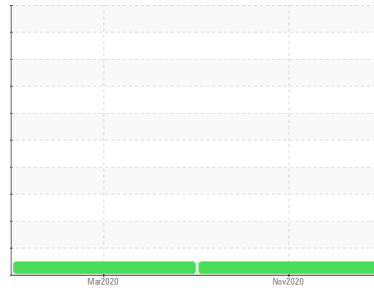




# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Area

**Evonik [20316359017]**

Machine Id  
**A710503**

Component  
**Gear Drive**

Fluid  
**MOBIL SHC 630 (--- GAL)**

### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.  
NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

#### Wear

All component wear rates are normal.

#### Contamination

The water content is negligible. 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			<b>SBP16359017</b>	SBP28372038	---
Sample Date	Client Info			<b>06 Nov 2020</b>	23 Mar 2020	---
Machine Age	hrs	Client Info		<b>0</b>	0	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed	Client Info			<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		<b>4</b>	0	---
Iron	ppm	ASTM D5185(m)		<b>0</b>	0	---
Chromium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Nickel	ppm	ASTM D5185(m)		<b>0</b>	0	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)		<b>0</b>	0	---
Lead	ppm	ASTM D5185(m)		<b>0</b>	0	---
Copper	ppm	ASTM D5185(m)		<b>0</b>	0	---
Tin	ppm	ASTM D5185(m)		<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<b>0</b>	1	---
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	0	---
Magnesium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Calcium	ppm	ASTM D5185(m)		<b>0</b>	3	---
Phosphorus	ppm	ASTM D5185(m)		<b>295</b>	275	---
Zinc	ppm	ASTM D5185(m)		<b>1</b>	2	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		<b>6</b>	6	---
Sodium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Potassium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Chlorine	ppm	ASTM D5185(m)		<b>0</b>	0	---
Water	%	ASTM D6304*		<b>0.003</b>	0.004	---

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		<b>1906</b>	1126	---
Particles >6µm		ASTM D7647		<b>469</b>	288	---
Particles >14µm		ASTM D7647		<b>31</b>	12	---
Oil Cleanliness		ISO 4406 (c)		<b>18/16/12</b>	17/15/11	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		<b>0.48</b>	0.47	---

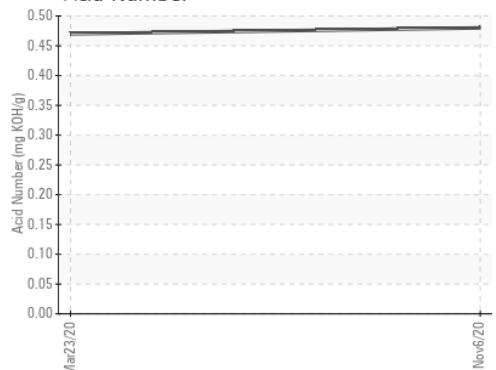
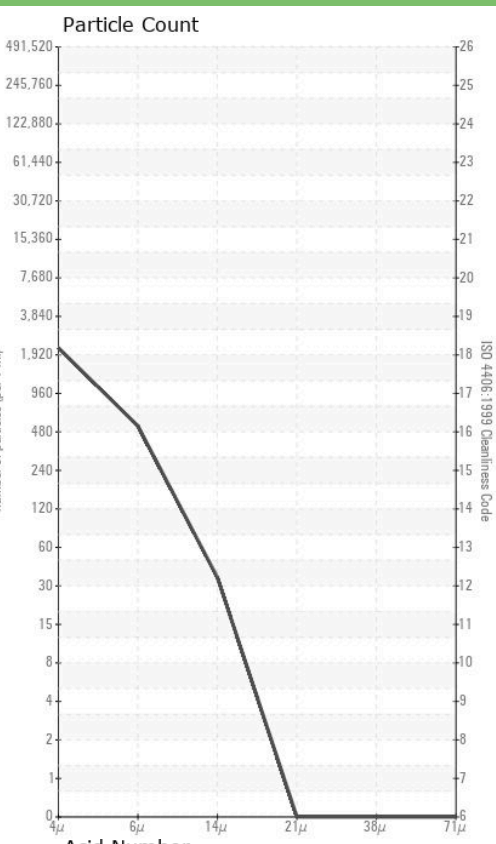
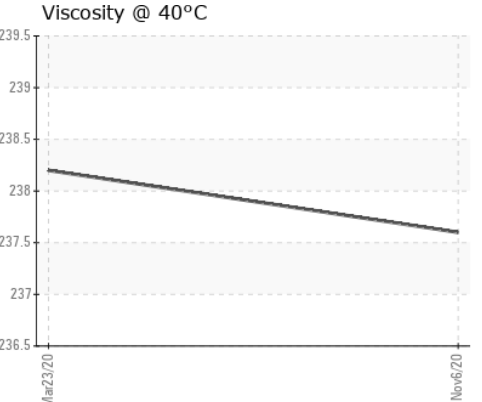
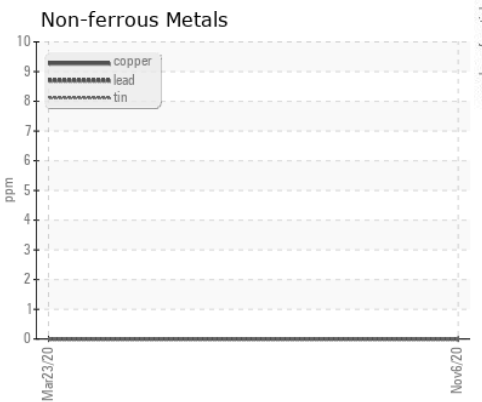
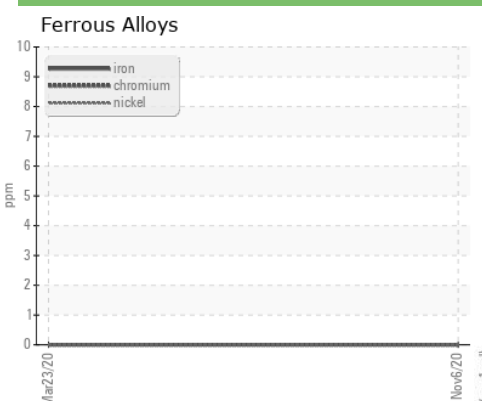
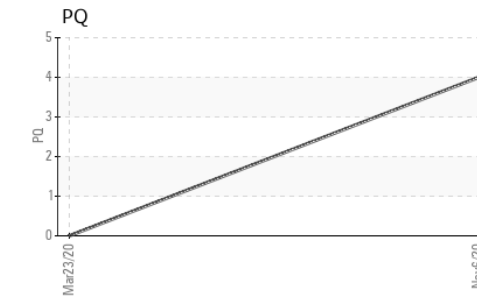
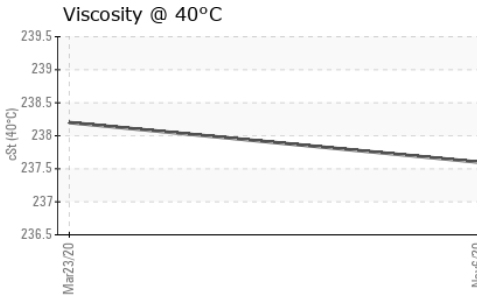
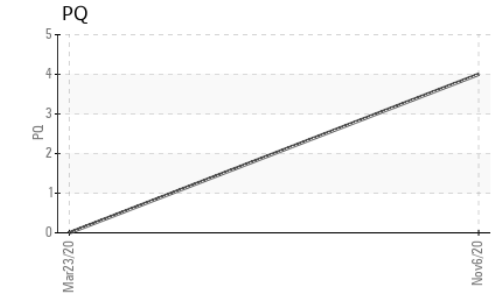
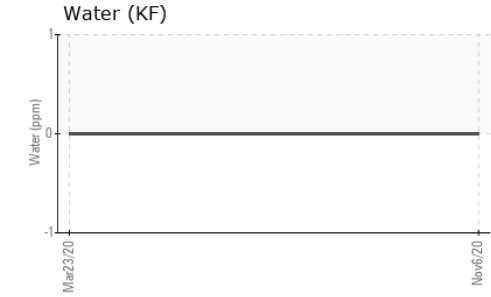
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)		<b>237.6</b>	238.2	---



# OIL ANALYSIS REPORT

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

## GRAPHS



**Laboratory** : WearCheck -  
**Sample No.** : SBP16359017  
**Lab Number** : 16359017  
**Unique Number** : 14446356  
**Test Package** : PLANT ( Additional Tests: ICP, KF, KV40, PQ, PrtCount, TAN Auto )  
*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.*

**Received** : 11 Nov 2020  
**Tested** : 16 Nov 2020  
**Diagnosed** : 22 Jul 2021 - Wes Davis

**Evonik - 719465**  
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