

# **OIL ANALYSIS REPORT**

Sample Rating Trend



## Machine Id 5443334 FRA Component

Gearbox Fluid NOT GIVEN (--- GAL)

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

#### Fluid Condition

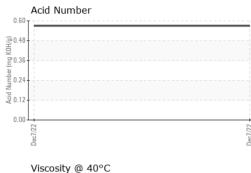
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

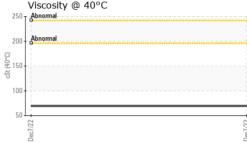
				Dec2022		
SAMPLE INFORM	<b>IATION</b>	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0747327		
Sample Date		Client Info		07 Dec 2022		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	<1		
Chromium	ppm	ASTM D5185m	>15	0		
Nickel	ppm	ASTM D5185m	>15	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
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		1		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		605		
Zinc	ppm	ASTM D5185m		3		
Sulfur	ppm	ASTM D5185m		640		
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.57		



# **OIL ANALYSIS REPORT**

VISUAL





	•					
	White Metal	scalar *Visua	I NONE	NONE		
	Yellow Metal	scalar *Visua		NONE		
	Precipitate	scalar *Visua		NONE		
	Silt	scalar *Visua	I NONE	NONE		
	Debris	scalar *Visua	I NONE	NONE		
	Sand/Dirt	scalar *Visua	I NONE	NONE		
Dec7/27	Appearance	scalar *Visua	I NORML	NORML		
	Odor	scalar *Visua	I NORML	NORML		
	Emulsified Water	scalar *Visua	l >0.2	NEG		
	Free Water	scalar *Visua	l	NEG		
	FLUID PROPER	RTIES meth	od limit/base	current	history1	history2
	Visc @ 40°C	cSt ASTMI		69.0		
	SAMPLE IMAGE	ES meth	od limit/base	current	history1	history2
Dec 272	Color				no image	no image
	Bottom				no image	no image
	Non-ferrous Meta	als	Dec1/22			
	Dec1/22	_	Dec7/22			
	Viscosity @ 40°C	,	<u>~</u> 0.6	Acid Number		
	200 Abnormal		(b)HOX 0.4 WHOX 0.4 WHOX 0.4 WHOX 0.2 WHOX 0.2 WHOX 0.2 WHOX 0.2 WHOX 0.2 WHOX 0.2 WHOX 0.2 WHOX 0.4 WHOX 0.4 W	8		
	(J-0 <del>-</del> ) 750 -		Ë0.3	6 -		
	형 100 -		-g 0.2	4		
			2 0.1	2		
	50 H			0		5
	Dec7/22		Dec7/22	Dec7/22		
Laboratory Sample No. Lab Number Unique Numbe		Received Diagnosed	., Cary, NC 2751 : 08 Dec 2022 : 12 Dec 2022 : Jonathan Heste		TAKED 305-505 BAXALTA PARKWA SOCIAL CIRCLE, G US 3002 Contact: BRANDON INMA BRANDON.INMAN@SHIRE.CO	

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: BRANDON INMAN - BAXSOC