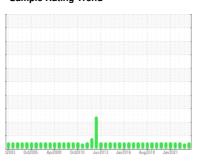


OIL ANALYSIS REPORT

Sample Rating Trend







PA-401A

Component

Gearbox

ROYAL PURPLE SYNERGY 90/220 (--- 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.

•		t2003 Oct201	05 Apr2008 Oct2010	Jun2013 Jan2016 Aug2018	Jan2021	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0027588	RP0020871	RP0019980
Sample Date		Client Info		01 Mar 2023	10 Aug 2022	01 Feb 2022
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	MARGINAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	26	25	38
Chromium	ppm	ASTM D5185m	>15	0	<1	<1
Nickel	ppm	ASTM D5185m	>15	0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	1	<1	<1
Lead	ppm	ASTM D5185m	>100	<1	0	0
Copper	ppm	ASTM D5185m	>200	<1	7	6
Tin	ppm	ASTM D5185m	>25	0	<1	0
Antimony	ppm	ASTM D5185m	>5			<1
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		<1	2	16
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	<1	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		<1	1	0
Calcium	ppm	ASTM D5185m		9	2	4
Phosphorus	ppm	ASTM D5185m	370	371	112	116
Zinc	ppm	ASTM D5185m		15	17	19
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	11	3	3
Sodium	ppm	ASTM D5185m		0	<1	0
Potassium	ppm	ASTM D5185m	>20	<1	0	0
Water	%	ASTM D6304	>0.2	0.013	0.012	0.004
ppm Water	ppm	ASTM D6304	>2000	139.4	128.8	46.0
FLUID DEGRADA	TION	method	limit/base	current	history1	history2

0.76

Acid Number (AN)

mg KOH/g ASTM D8045 1.33

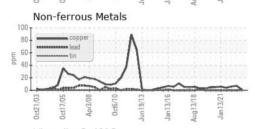
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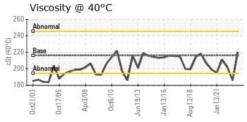
0.34

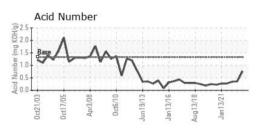


OIL ANALYSIS REPORT













Certificate L2367

Laboratory Sample No. Lab Number **Unique Number** Test Package

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : RP0027588 : 05787413 : 10372084

: IND 2

: 09 Mar 2023 Received Diagnosed Diagnostician

: 10 Mar 2023 : Wes Davis

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)

FORMOSA PLASTICS INC

PO BOX 271 BATON ROUGE, LA US 70821

Contact: TOMMY ROE troe@flbr.fpcusa.com

> T: F: (225)354-8218

Contact/Location: TOMMY ROE - FORBAT