

OIL ANALYSIS REPORT

Area

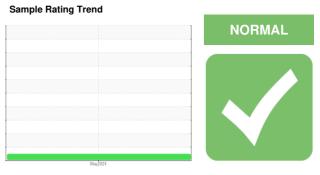
Batch Line

Globimix Planetary Mixer B (S/N 18012023.2)

Gearbox

Fluid

{not provided} (--- 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

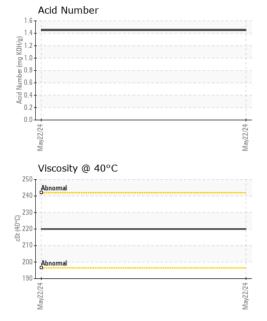
Fluid Condition

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

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		HPL0004271		
Sample Date		Client Info		22 May 2024		
Machine Age	hrs	Client Info		459		
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	2		
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	4		
Lead	ppm	ASTM D5185m	>100	2		
Copper	ppm	ASTM D5185m	>200	3		
Tin	ppm	ASTM D5185m	>25	0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<1		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		25		
Calcium	ppm	ASTM D5185m		33		
Phosphorus	ppm	ASTM D5185m		2040		
Zinc	ppm	ASTM D5185m		27		
Sulfur	ppm	ASTM D5185m		72		
CONTAMINANTS		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		1.45		



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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		
FLUID PROPERT	ΓIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		220		
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS						
Iron (ppm)				Lead (ppm)		
Severe			30	Dovoic		
400 Abnormal			E 20	Abnormal		
0				0		
May22/24			May22/24	May22/24		May22/24
Мау			Мау	Мау		May
Aluminum (ppm) Chromium (ppm)					pm)	
150 Severe				004010		
100 - Abnormal			E 4	0 - Abnormal		
0			_	0		
May22/24			May22/24	May22/24		May22/24
May			May	May		May
Copper (ppm)			45	Silicon (ppm)		
600 T			15 = 10	0		
Abnormal			E 10	Abnormal		
0				0		
May22/24			May22/24	ay22/24		May22/24
≝ Viscosity @ 40°C				≊ Acid Number		Ma
300 _T			7.24 + Acid Number (mg KOH/g)	5T		
Abnormal Abnormal			<u>B</u> 1.	0		
Abnormal Abnormal			o.	5		
100				0 ++		+
May22/24			May22/24 Acio	May22/24		May22/24
Σ			≥	≅		M





Certificate 12367

Laboratory

Sample No. : HPL0004271 Lab Number : 06195992 Unique Number : 11058115

Test Package : MOB 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 30 May 2024 Tested Diagnosed

: 02 Jun 2024 : 02 Jun 2024 - Don Baldridge

SEKISUI POLYMATECH AMERICA LLC 248 JOHNSON RILEY ROAD

CALVERT CITY, KY US 42029

Contact: MICHAEL WARD

michael.ward@sekisui-pmt-us.com T:

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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