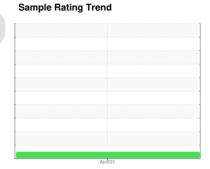


OIL ANALYSIS REPORT

G.LOPES CONSTRUCTION INC./Off-Road







DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

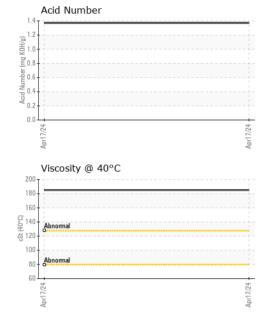
Fluid Condition

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

_,						
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0122678		
Sample Date		Client Info		17 Apr 2024		
Machine Age	hrs	Client Info		34603		
Oil Age	hrs	Client Info		34603		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	91		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>25	1		
Copper	ppm	ASTM D5185m	>75	6		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
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		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		13		
Calcium	ppm	ASTM D5185m		3111		
Phosphorus	ppm	ASTM D5185m		972		
Zinc	ppm	ASTM D5185m		1101		
Sulfur	ppm	ASTM D5185m		7659		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	11		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRA	NOITAC	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.37		



OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history1	history2
White Metal	noclar	*Visual	NONE	NONE		
	scalar	*Visual		NONE		
Yellow Metal	scalar scalar	*Visual	NONE NONE	NONE		
Precipitate Silt	scalar	*Visual	NONE	NONE		
Siit Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt		*Visual	NONE	NONE		
	scalar scalar	*Visual	NORML	NORML		
Appearance Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Free Water		*Visual	>0.2	NEG		
	scalar			NEG		
FLUID PROPE	RTIES	method	limit/base	current	history1	history
Visc @ 40°C	cSt	ASTM D445		185		
SAMPLE IMAC	BES	method	limit/base	current	history1	history
Color				no image	no image	no image
-						9
D ::						
Bottom				no image	no image	no image
GRAPHS						
Iron (ppm)			15	Lead (ppm)		
Severe				Severe		
Abnormal			E 10	0 - Abnormal		
) [4	0 —	***************************************	***************************************
Apr17/24			Apr17/24	Apr17/24		
			Ap			
Aluminum (ppm)		Chromium (ppm)				
Severe				0		
Abnormal			E ²	0 - Abnormal		
J				0 1		
Apr17/24			Apr17/24	Apr17/24		
			₹	₹ Silicon (ppm)		
Copper (ppm)			30	OT :		
Abnormal			E 20	0 - Severe		
Ī			10	4		
745				0 +4		
Apr17/24			Apr17/24	Apr17/		
Viscosity @ 40°C						
) _T			7/24 Acid Number (mg KOH/g)	5 T		
Abnormal				0 +		
			9 mg 0.	5+		
) +			─ ← 0.	U 		
2			Apr17/24 Acid	Apr17/24		





Certificate 12367

Sample No.

: PCA0122678 Lab Number : 06154613 Unique Number : 10990036

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 19 Apr 2024 Tested Diagnosed Test Package : MOB 2

: 22 Apr 2024

: 23 Apr 2024 - Don Baldridge

US 02780 Contact: BUTCH MCGRATH bmcgrath@glopes.com T:

G LOPES CONSTRUCTION

565 WINTHROP ST

TAUNTON, MA

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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