

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id 15 16732 Component Gearbox

GEAR OIL ISO 460 (--- GAL)

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 oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

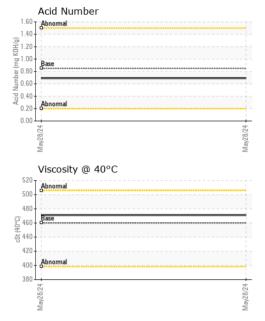
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06203481		
Sample Date		Client Info		28 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	8		
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	0		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>200	0		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	50	3		
Barium	ppm	ASTM D5185m	15	0		
Molybdenum	ppm	ASTM D5185m	15	0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	50	1		
Calcium	ppm	ASTM D5185m	50	2		
Phosphorus	ppm	ASTM D5185m	350	220		
Zinc	ppm	ASTM D5185m	100	10		
Sulfur	ppm	ASTM D5185m	12500	8012		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	9		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2

0.69

Acid Number (AN) mg KOH/g ASTM D8045 0.85



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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 PROPERTI	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	460	471		
SAMPLE IMAGES	;	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
Iron (ppm)				Lead (ppm)		
Severe Abnormal			20	Severe Abnormal		
Abnormal 			튭10	Approximal Paragraphic Severe		May28/24
Aluminum (ppm)			May28/24	Abnomal +72/82/keW Chromium (p	pm)	May28/24
Aluminum (ppm)			May28/24	Abnormal Abnormal Chromium (p	pm)	May2824
Aluminum (ppm) Severe Abnormal			May28/24 mqq 110	Abnomal Chromium (p	pm)	May28/24
Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal			May28/24 mqq 110	Abnomal Abnomal Chromium (p		May28/24 May28/24
Aluminum (ppm) Severe Abnormal Abnormal Abnormal Copper (ppm)			May28/24 Ppm Ppm 25/24	Abnomal Chromium (p Severe Abnomal 1-2/82/keW Silicon (ppm)		
Aluminum (ppm) Severe Abnormal Abnormal Abnormal Copper (ppm)			4782874 Way2874	Abnomal Chromium (p Severe Abnomal Abnomal Abnomal Abnomal According to the property of		
Aluminum (ppm) Severe Abnormal Abnormal Abnormal Abnormal Accepted to the position of th			May28/24 Ppm Ppm 25/24	Abnormal Abnormal Abnormal Abnormal Abnormal Silicon (ppm)		
Aluminum (ppm) Severe Abnormal 4282/6W Copper (ppm) Severe Abnormal Abnormal			May282/24 May28/24 May282/24 May282/24 May282/24 May282/24 May282/24 May282/24 May28/24 Ma	Abnormal Severe Abnormal Abnormal Severe Abnormal Severe Abnormal		May28/24
Aluminum (ppm) Severe Abnormal 100 100 100 100 100 100 100 100 100 1			May282/24 May28/24 May282/24 May282/24 May282/24 May282/24 May282/24 May282/24 May28/24 Ma	Abnormal Severe Abnormal Abnormal Severe Abnormal Severe Abnormal		May28/24
Abnormal Abnormal Abnormal Copper (ppm) Severe Abnormal Abnormal			42/82/s/4 May28/24 May28/24 and a map and a ma	Abnomal Chromium (p Severe Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal		
Aluminum (ppm) Severe Abnormal Abnormal Copper (ppm) Severe Abnormal Viscosity @ 40°C			42/82/s/4 May28/24 May28/24 and a map and a ma	Abnomal Chromium (p Severe Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal		May28/24
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Aluminum (ppm) Severe Abnormal Copper (ppm) Severe Abnormal Viscosity @ 40°C			42/82/s/4 May28/24 May28/24 and a map and a ma	Abnomal Chromium (p Severe Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal		May28/24
Aluminum (ppm) Aluminum (ppm) Severe Ahnomal Copper (ppm) Severe Ahnomal Viscosity @ 40°C			May282/24 May28/24 May282/24 May282/24 May282/24 May282/24 May282/24 May282/24 May28/24 Ma	Abnomal Chromium (p Severe Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal Abnomal		May28/24





Certificate 12367

Laboratory Unique Number : 11070942

Sample No. : WC06203481 Lab Number : 06203481

Test Package : MOB 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received Tested

Diagnosed

: 07 Jun 2024 : 11 Jun 2024

: 12 Jun 2024 - Angela Borella

US 30325 Contact: JOHN STEED john.steed@momar.com T: (404)355-4580

MOMAR Incorporated

P.O. Box 19567

Atlanta, GA

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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