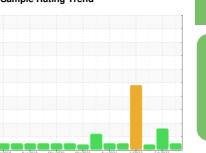


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



HEWIT ROBINS JAW CRUSHER 5011 DRIVE (S/N C70541302)

Component

Inner Bearing

MOBIL MOBILGEAR 600 XP 220 (45 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

Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORM						
CANNI LE IIVI CITIV	MOITAN	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0524639	WC0726571	WC0595104
Sample Date		Client Info		17 Jul 2023	06 Feb 2023	31 Oct 2022
Machine Age	hrs	Client Info		6741	5993	5474
Oil Age	hrs	Client Info		748	1380	858
Oil Changed		Client Info		Not Changd	Changed	Not Change
Sample Status				NORMAL	MARGINAL	ABNORMAI
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>200	21	33	29
Chromium	ppm	ASTM D5185m	>5	0	0	0
Nickel	ppm	ASTM D5185m	>5	0	<1	0
Titanium	ppm	ASTM D5185m	>5	0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	<1	0
Lead	ppm	ASTM D5185m	>50	0	<1	0
Copper	ppm	ASTM D5185m	>150	<1	<1	0
Tin	ppm	ASTM D5185m	>10	0	0	0
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		13	7	14
Barium	ppm	ASTM D5185m		0	2	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		0	1	0
Calcium	ppm	ASTM D5185m		5	42	45
Phosphorus	ppm	ASTM D5185m		351	345	283
Zinc	ppm	ASTM D5185m		0	9	3
Sulfur	ppm	ASTM D5185m		10783	15093	15058
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	2	6	3
Sodium	ppm	ASTM D5185m		0	0	0
Potassium	ppm	ASTM D5185m	>20	<1	<1	0
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	▲ MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
	scalar	*Visual	NORML	NORML	NORML	NORML
Odor						
Odor Emulsified Water	scalar	*Visual	>0.1	NEG	0.2%	NEG
	scalar scalar	*Visual	>0.1	NEG NEG	0.2% NEG	NEG NEG

Visc @ 40°C

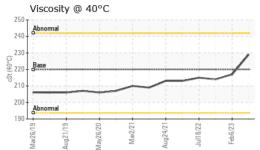
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ASTM D445 220

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OIL ANALYSIS REPORT





Copper (ppm) Chromian Copper (ppm) Copper (ppm) Chromian Copper (ppm) Copper (ppm) Chromian Chromian Copper (ppm) Chromian	
Abnormal	
Aluminum (ppm) Chromium (ppm) Chromium (ppm) Silicon (ppm) Silicon (ppm) Silicon (ppm) Silicon (ppm) Ahnomal Viscosity @ 40°C Ahnomal Viscosity @ 40°C Ahnomal Aluminum (ppm) Silicon (ppm)	
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Abnormal	
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Abnormal	
Abnormal	
Copper (ppm) Severe Solid Soli	
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Silicon (ppm) Silicon (ppm) Silicon (ppm) Severe Solomorphic Severe Sev	Feb6/23
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Abnormal Abnormal	
Abnormal	
Viscosity @ 40°C Abnormal Base Abnormal	
Viscosity @ 40°C Additives Additives Additives	
Viscosity @ 40°C Abnormal Abnormal Abnormal Abnormal	$\overline{}$
Viscosity @ 40°C Abnormal Base Abnormal Abnormal Abnormal	Feb6/23
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Abnomal 0	all a
Abnormal	
	_
Mar26/19 May26/20 May26/21 Aug24/21 Jul18/22 May26/19 May26/20 May26/20 May26/20 May26/20	Feb6/23 -





Certificate L2367

Laboratory Sample No. Lab Number Unique Number : 10616315 Test Package : MOB 1

: WC0524639 : 05931044

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

Received Diagnosed Diagnostician : Don Baldridge

: 22 Aug 2023 : 23 Aug 2023 WAKE STONE CORPORATION

3990 HWY 9 BUS E LORIS, SC US 29569

Contact: JASON MILLER

jasonmiller@wakestonecorp.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)

F: (843)756-3401