



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
DEISTER 9025
 Component
Gearbox
 Fluid
MOBIL SHC 632 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0873548	WC0556870	WC05205563
Sample Date		Client Info		08 Jul 2024	15 Nov 2021	08 Mar 2021
Machine Age	hrs	Client Info		0	19341	18161
Oil Age	hrs	Client Info		97	180	874
Filter Age	hrs	Client Info		0	180	874
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		N/A	Not Changd	Not Changd
Sample Status				NORMAL	ABNORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>200	13	▲ 201	44
Chromium	ppm	ASTM D5185m	>10	<1	2	<1
Nickel	ppm	ASTM D5185m	>10	0	<1	<1
Titanium	ppm	ASTM D5185m		<1	2	<1
Silver	ppm	ASTM D5185m		<1	<1	0
Aluminum	ppm	ASTM D5185m	>25	3	● 38	7
Lead	ppm	ASTM D5185m	>50	<1	7	3
Copper	ppm	ASTM D5185m	>200	3	83	15
Tin	ppm	ASTM D5185m	>10	<1	6	2
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	MODER	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

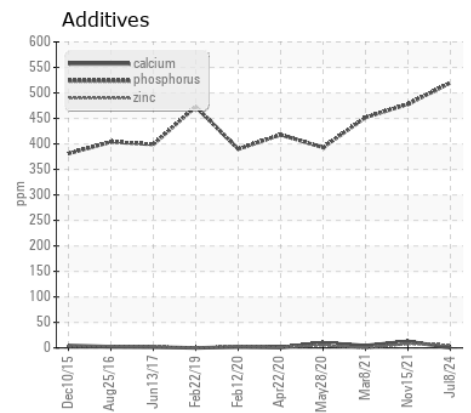
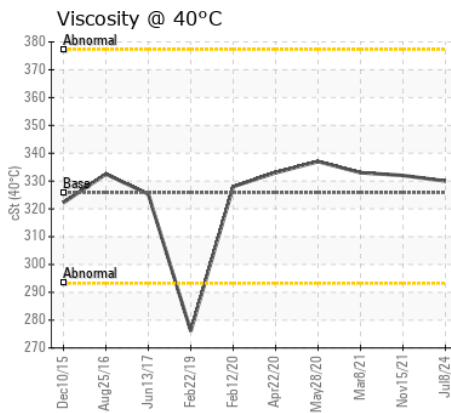
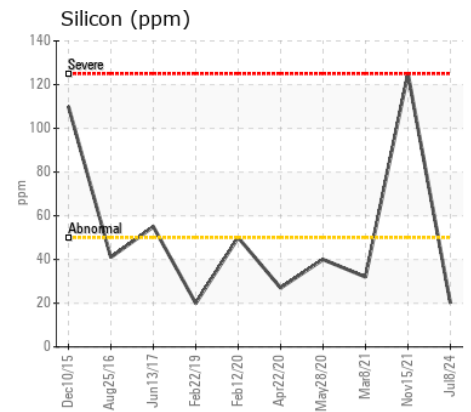
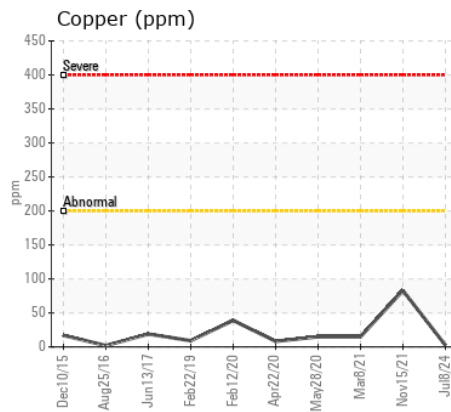
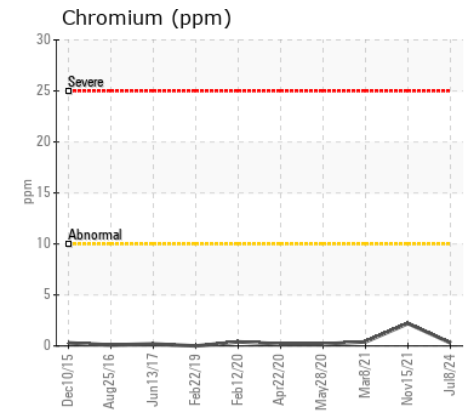
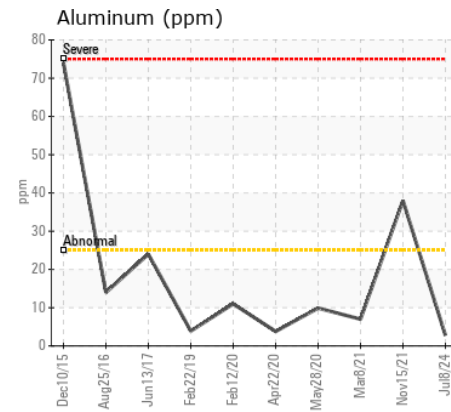
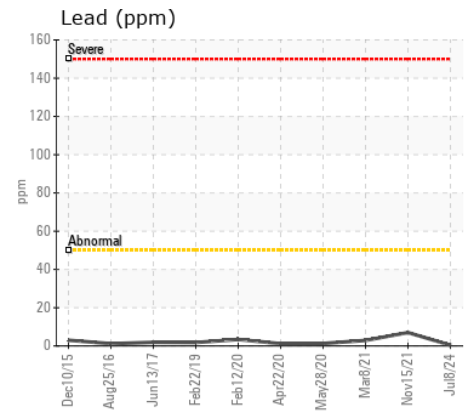
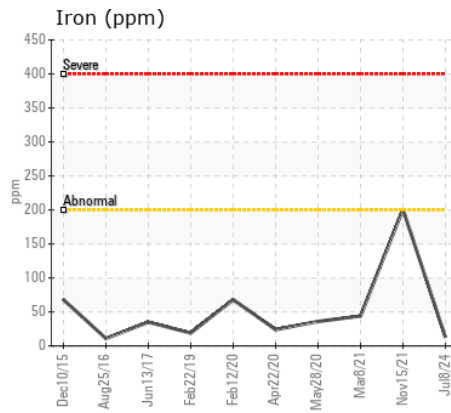
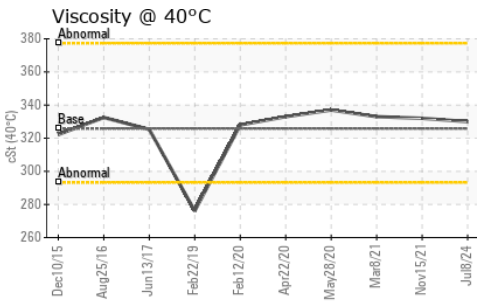
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	20	▲ 125	32
Potassium	ppm	ASTM D5185m	>20	2	15	3
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	MODER	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	▲ MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	▲ 0.2%	▲ 0.2%

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		0	9	2
Boron	ppm	ASTM D5185m		3	0	<1
Barium	ppm	ASTM D5185m		<1	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	2	<1
Magnesium	ppm	ASTM D5185m		1	3	1
Calcium	ppm	ASTM D5185m		0	13	5
Phosphorus	ppm	ASTM D5185m		520	478	452
Zinc	ppm	ASTM D5185m		6	8	0
Sulfur	ppm	ASTM D5185m		2274	122	354
Visc @ 40°C	cSt	ASTM D445	325.8	330	332	333



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0873548 **Received** : 12 Jul 2024
Lab Number : 06235262 **Tested** : 15 Jul 2024
Unique Number : 11124096 **Diagnosed** : 15 Jul 2024 - Sean Felton
Test Package : MOB 1

WAKE STONE CORPORATION-KNIGHTDALE
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 KNIGHTDALE, NC
 US 27545
 Contact: AL PARKER
 alparker@wakestonecorp.com

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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