



OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ABNORMAL
ATTENTION
NORMAL

Machine Id
DEISTER 14024 DEISTER 8X20 2
Component
Upper Bearing
Fluid
SHELL MORLINA OIL ISO 220 (4 GAL)

RECOMMENDATION

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. We recommend an early resample to monitor this condition.

WEAR

Bearing and/or bushing wear is indicated. All other component wear rates are normal.

CONTAMINATION

Appearance is hazy. There is no indication of any contamination in the oil.

FLUID CONDITION

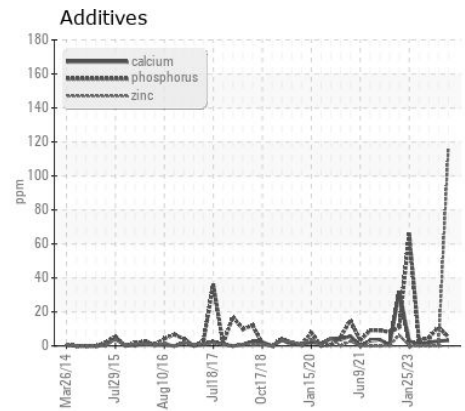
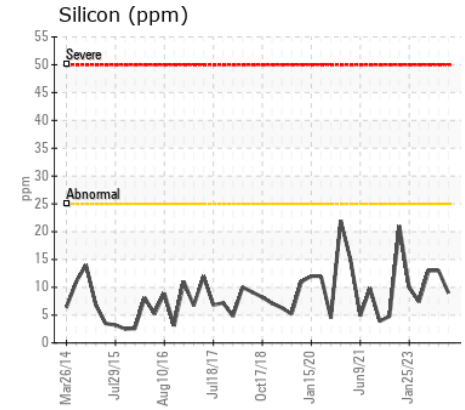
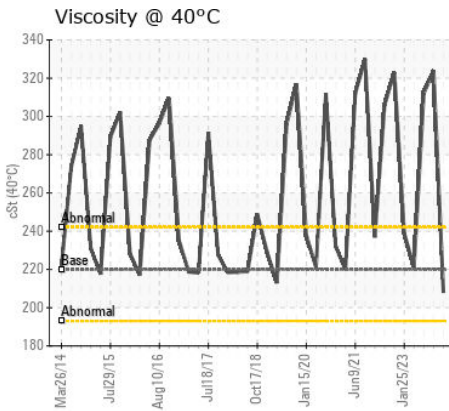
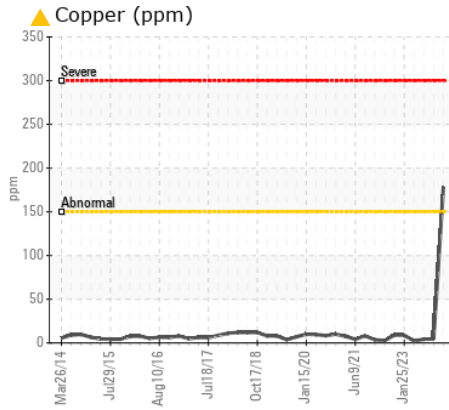
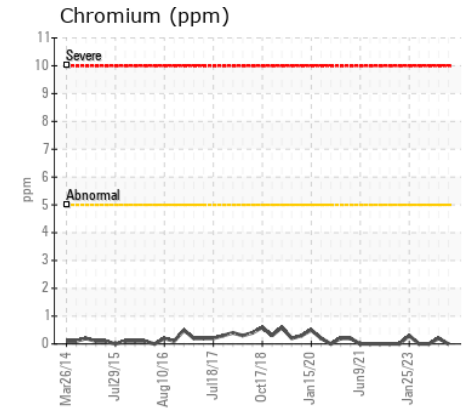
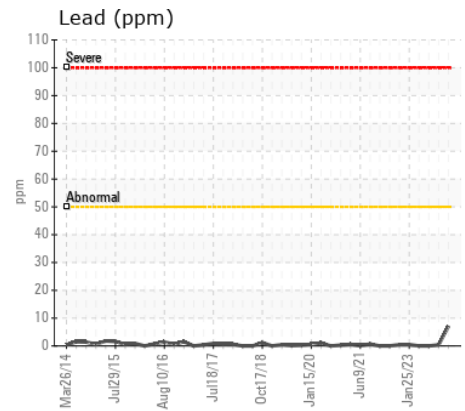
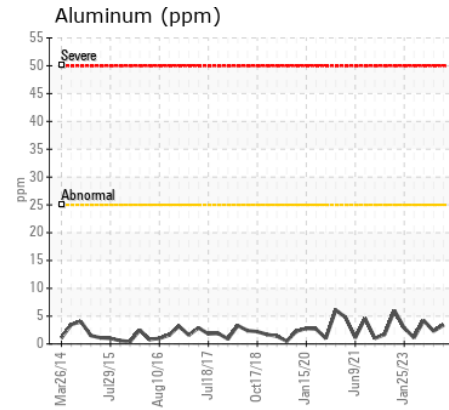
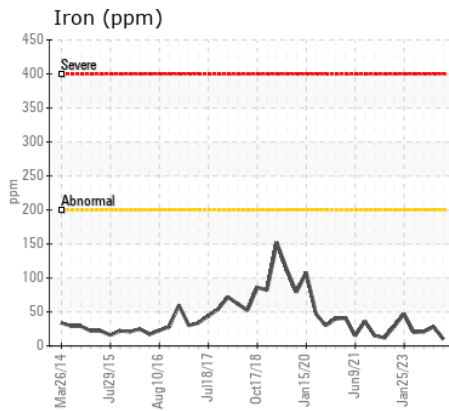
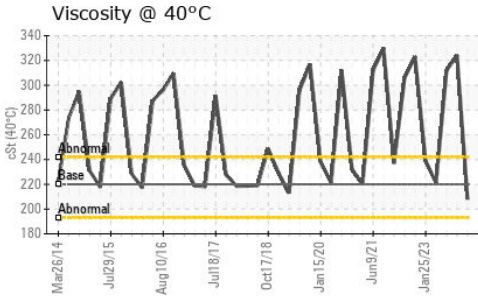
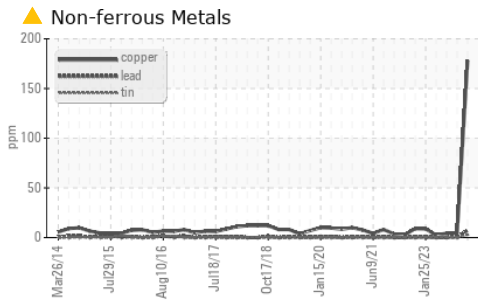
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0891240	WC0840627	WC0819278
Sample Date		Client Info		26 Jan 2024	19 Oct 2023	02 Aug 2023
Machine Age	mths	Client Info		0	0	0
Oil Age	mths	Client Info		3	3	3
Filter Age	mths	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	NORMAL	NORMAL

Iron	ppm	ASTM D5185m	>200	10	28	21
Chromium	ppm	ASTM D5185m	>5	0	<1	0
Nickel	ppm	ASTM D5185m	>5	1	0	0
Titanium	ppm	ASTM D5185m	>5	<1	1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	3	2	4
Lead	ppm	ASTM D5185m	>50	7	<1	0
Copper	ppm	ASTM D5185m	>150	▲ 178	4	4
Tin	ppm	ASTM D5185m	>10	3	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	LIGHT	NONE	NONE

Silicon	ppm	ASTM D5185m	>25	9	13	13
Potassium	ppm	ASTM D5185m	>20	2	3	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	▲ HAZY	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m		<1	0	<1
Boron	ppm	ASTM D5185m		<1	0	0
Barium	ppm	ASTM D5185m		0	<1	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		2	0	<1
Magnesium	ppm	ASTM D5185m		2	1	2
Calcium	ppm	ASTM D5185m		3	3	2
Phosphorus	ppm	ASTM D5185m		5	11	5
Zinc	ppm	ASTM D5185m		116	0	0
Sulfur	ppm	ASTM D5185m		2591	3177	4062
Visc @ 40°C	cSt	ASTM D445	220	208	324	312



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0891240
Lab Number : 06089731
Unique Number : 10877176
Test Package : MOB 1

WAKE STONE CORPORATION-MONCURE
 P.O. BOX 158
 MONCURE, NC
 US 27559
 Contact: ROBBIE BOGAN
 robbiebogan@wakestonecorp.com
 T:
 F: (919)776-1341

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)