



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
HAMM H12IP H2840146
 Component
Left Vibratory Drum Gearbox
 Fluid
WIRTGEN (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0218248	JR0181833	JR0160416
Sample Date		Client Info		17 Jun 2024	20 Jul 2023	28 Jan 2023
Machine Age	hrs	Client Info		1450	965	440
Oil Age	hrs	Client Info		0	0	440
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	SEVERE	NORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		71	1074	77
Iron	ppm	ASTM D5185m	>200	493	▲ 10252	106
Chromium	ppm	ASTM D5185m	>10	2	▲ 42	<1
Nickel	ppm	ASTM D5185m	>10	<1	10	0
Titanium	ppm	ASTM D5185m		2	9	4
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m		3	16	2
Lead	ppm	ASTM D5185m		0	12	2
Copper	ppm	ASTM D5185m		13	127	39
Tin	ppm	ASTM D5185m		0	0	<1
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	MODER	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

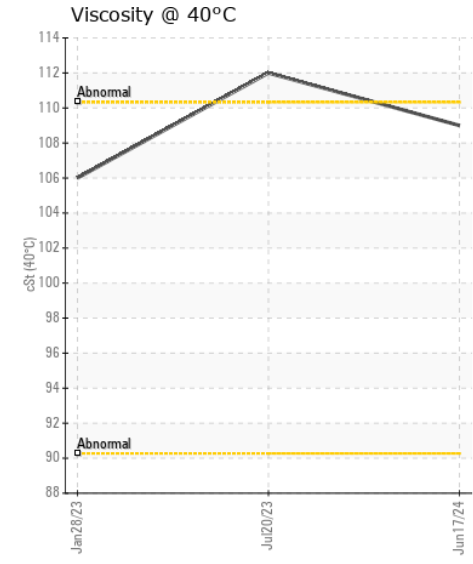
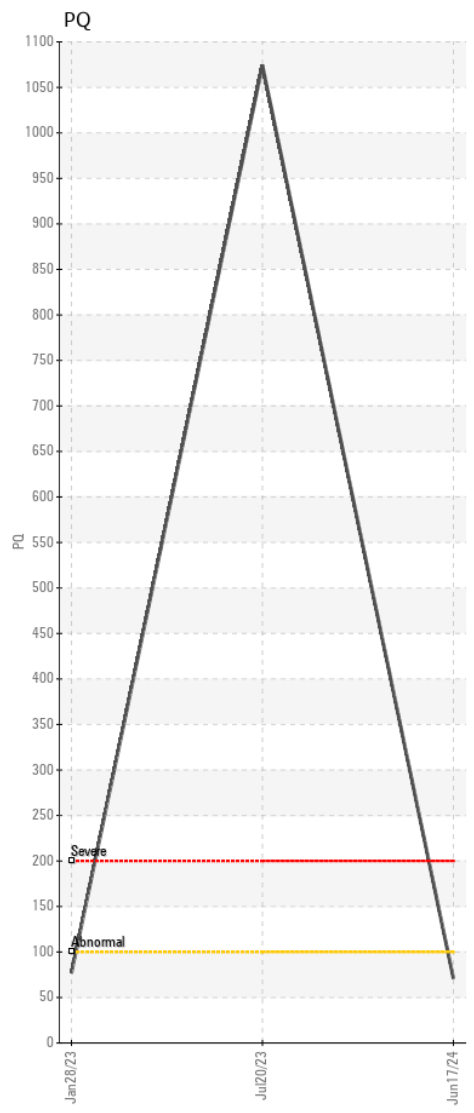
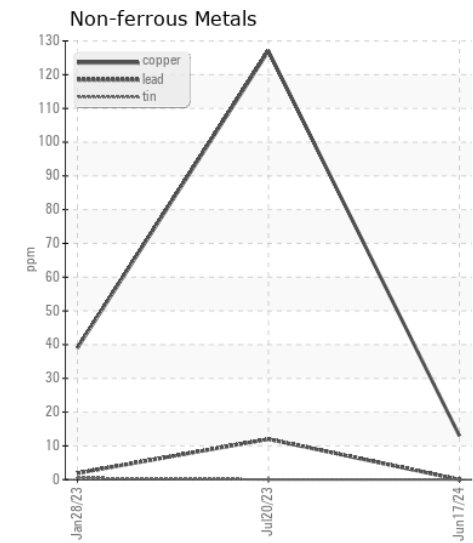
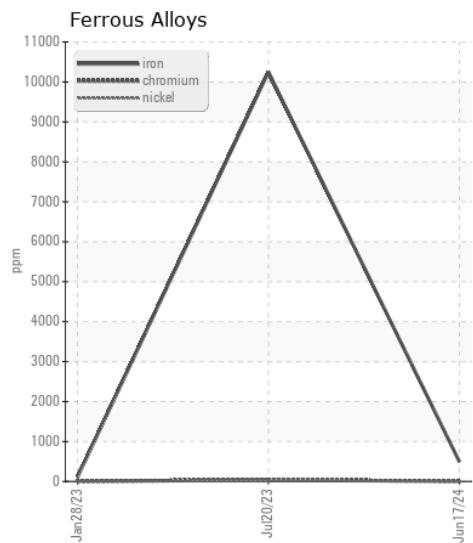
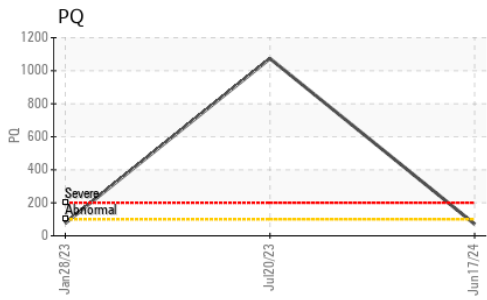
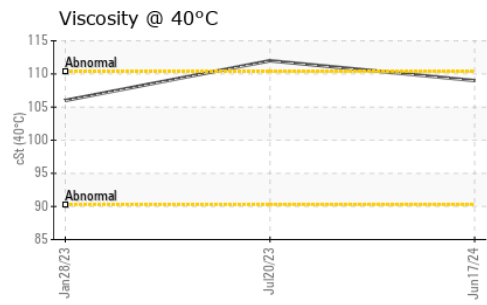
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		18	61	8
Potassium	ppm	ASTM D5185m	>20	2	5	0
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	▲ MODER	NONE
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	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		0	13	6
Boron	ppm	ASTM D5185m		185	118	98
Barium	ppm	ASTM D5185m		125	17	10
Molybdenum	ppm	ASTM D5185m		108	6	2
Manganese	ppm	ASTM D5185m		4	93	<1
Magnesium	ppm	ASTM D5185m		351	6	5
Calcium	ppm	ASTM D5185m		722	45	33
Phosphorus	ppm	ASTM D5185m		1031	1211	1144
Zinc	ppm	ASTM D5185m		575	297	59
Sulfur	ppm	ASTM D5185m		14002	23878	28354
Visc @ 40°C	cSt	ASTM D445		109	112	106



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0218248 **Received** : 18 Jun 2024
Lab Number : 06213807 **Tested** : 20 Jun 2024
Unique Number : 11086671 **Diagnosed** : 20 Jun 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

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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)