

## **GREASE ANALYSIS**

Sample Rating Trend

NORMAL

### 04. Machine Id [04] BASELINE - LUBRIPLATE EMB GREASE Grease

Fluid {not provided} (--- GAL)

### DIAGNOSIS

Area

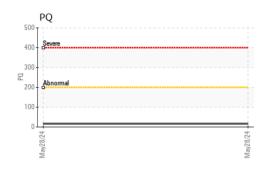
#### Recommendation

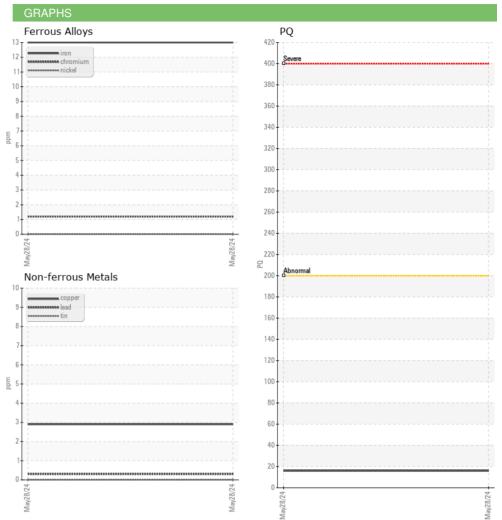
This is a baseline read-out on the submitted sample. ( Customer Sample Comment: EMB Grease )

SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		HPL0004902		
Sample Date		Client Info		28 May 2024		
Machine Age	hrs	Client Info		0		
Grease Age	hrs	Client Info		0		
Grease Serviced		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>200	16		
Iron	ppm	ASTM D5185m	>250	13		
Chromium	ppm	ASTM D5185m	>10	1		
Nickel	ppm	ASTM D5185m	>5	0		
Cadmium	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Vanadium	ppm	ASTM D5185m		0		
Lead	ppm	ASTM D5185m	>25	<1		
Copper	ppm	ASTM D5185m	>75	3		
Tin	ppm	ASTM D5185m	>5	0		
Silver	ppm	ASTM D5185m	>5	<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		264		
Magnesium	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		<1		
Molybdenum	ppm	ASTM D5185m		48		
Phosphorus	ppm	ASTM D5185m		2016		
Zinc	ppm	ASTM D5185m		2633		
THICKENER/SOA	νP	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		<1		
Sodium	ppm	ASTM D5185m		0		
Lithium	ppm	ASTM D5185m		18		
Sulfur	ppm	ASTM D5185m		7675		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	459		
Potassium	ppm	ASTM D5185m		<1		
Water	%	ASTM D6304	>0.1	NEG		
SAMPLE IMAGES	;	method	limit/base	current	history1	history2
Color				•	no image	no image
Bottom				$\bigcirc$	no image	no image



# **GREASE ANALYSIS**





Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 KENSING Sample No. : HPL0004902 Received : 03 Jun 2024 2525 S KENSINGTON RD Lab Number : 06198148 Tested : 12 Jun 2024 KANKAKEE, IL : 12 Jun 2024 - Doug Bogart Unique Number : 11060271 Diagnosed US 60901 Test Package : MOB 2 (Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PQ, PrtCount, VI) Contact: TIM HUBERT Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. timothy.hubert@kensingsolutions.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (815)939-8918 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: x: