

LABORATORY ANALYSIS



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Department **GRINDING ROOM**
Equipment No. **ACC Okamoto (X0007)**
System **Machining Fluid**
Oil Type **ENGINEERED LUBRICANTS ENCOOL SOL-305MGLL (30 GAL)**

DIAGNOSIS

Inspect the reservoir for settled chips/fines, tramp oils, physical growth and remove them before there is an accumulation. Add a "severe" dose of BioTech 084, 3.3 ounces to the tank side reservoir in an area of high agitation. Follow up three days later with a "maintenance" dose, 0.8 ounces, to stabilize the microbial additive package. Circulate the coolant daily for proper aeration. (not applicable) Excessively high bacteria counts. Elevated yeast counts. Excessively high mold counts. The condition of the machining fluid is suitable for service.

SAMPLE INFORMATION

Lab Number	New	2307-00255	2305-00421	2303-00057
Date of Sample	(Typical)	07 Jul 2023	08 May 2023	06 Mar 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		69.9	67.9	65.9
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		SEVERE	SEVERE	SEVERE

RATIO PER REFRACTOMETER

Refract. Reading		2.3	2.4	2.5
Refract. Model		DIGITAL	DIGITAL	DIGITAL
Refract. Ratio	oil:water	12:1	12:1	11:1

PH (ASTM E-70)

pH	Scale 0-14	8.8	8.9	8.8
Ratio Rec'd	oil:water	AS REC'D	AS REC'D	AS REC'D

BACTERIA COUNT (CLASS RANGE 0 TO 6)

Bacteria Class	Scale 0-6	6	6	0
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FUNGUS COUNT (CLASS RANGES: YEAST 0 TO 4/MOLD 0 TO 3)

Yeast Class	Scale 0-4	3	2	0
Mold Class	Scale 0-3	3	2	3

Customer Id: ENC0303701
Sample No.: EN23070255
Lab Number: 23070255
Test Package: TEST



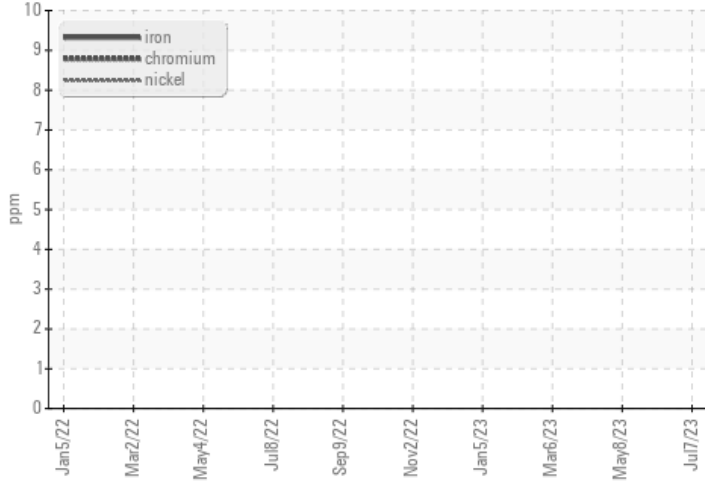
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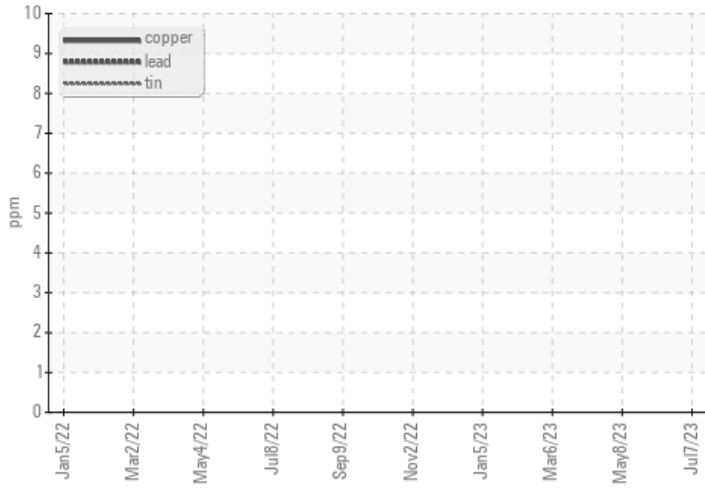
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FUEL REPORT

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

