

LABORATORY ANALYSIS



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Department **CNC**
Equipment No. **O-03 VMC Okuma (X0014)**
System **Machining Fluid**
Oil Type **ENGINEERED LUBRICANTS ENCOOL SS-7478EP-AS (85 GAL)**

DIAGNOSIS

{not applicable} There is no indication of any contamination in the machining fluid. The condition of the machining fluid is suitable for service.

SAMPLE INFORMATION

Lab Number	New	2307-00271	2305-00437	2303-00073
Date of Sample	(Typical)	07 Jul 2023	08 May 2023	06 Mar 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		NORMAL	SEVERE	SEVERE

RATIO PER REFRACTOMETER

Refract. Reading		3.1	2.2	2.2
Refract. Model		DIGITAL	DIGITAL	DIGITAL
Refract. Ratio	oil:water	18:1	25:1	25:1

PH (ASTM E-70)

pH	Scale 0-14	9.1	9.1	8.9
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	0	1	0
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FUNGUS COUNT (CLASS RANGES: YEAST 0 TO 4/MOLD 0 TO 3)

Yeast Class	Scale 0-4	0	1	0
Mold Class	Scale 0-3	0	0	0

Customer Id: ENC0303701
Sample No.: EN23070271
Lab Number: 23070271
Test Package: TEST



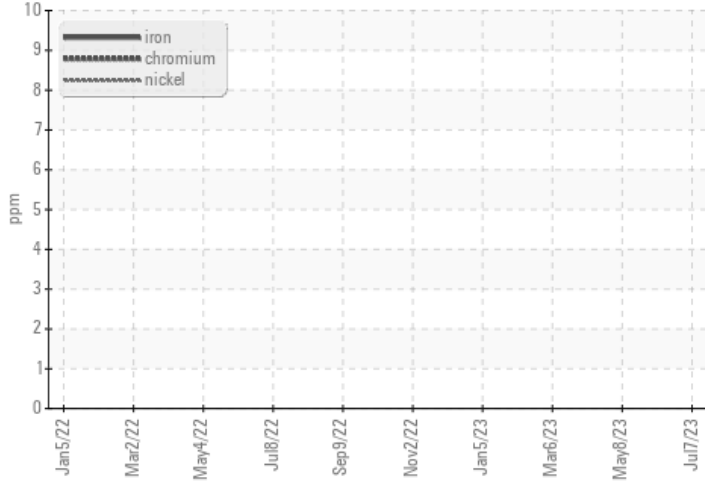
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To discuss the diagnosis or test data:
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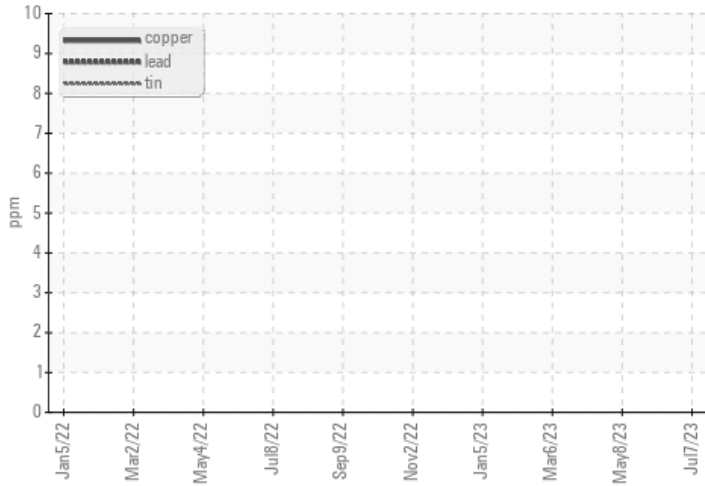
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FUEL REPORT

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

