

# LABORATORY ANALYSIS



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**PLANET TOOL & ENGINEERING**  
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Department **CNC**  
Equipment No. **O-07 VMC Okuma (X0021)**  
System **Machining Fluid**  
Oil Type **ENGINEERED LUBRICANTS ENCOOL SS-7478EP-AS (50 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	<b>2307-00261</b>	2305-00427	2303-00063
Date of Sample	(Typical)	<b>07 Jul 2023</b>	08 May 2023	06 Mar 2023
Oil Added		<b>UNK</b>	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		<b>69.5</b>	67.6	65.5
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		<b>NORMAL</b>	NORMAL	ABNORMAL

## RATIO PER REFRACTOMETER

Refract. Reading		<b>3.2</b>	3.8	2.5
Refract. Model		<b>DIGITAL</b>	DIGITAL	DIGITAL
Refract. Ratio	oil:water	<b>17:1</b>	14:1	22:1

## PH (ASTM E-70)

pH	Scale 0-14	<b>9.2</b>	9.2	9.0
Ratio Rec'd	oil:water	<b>AS REC'D</b>	AS REC'D	AS REC'D

## BACTERIA COUNT (CLASS RANGE 0 TO 6)

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

Yeast Class	Scale 0-4	<b>0</b>	0	0
Mold Class	Scale 0-3	<b>0</b>	0	0

**Customer Id:** ENC0303701  
**Sample No.:** EN23070261  
**Lab Number:** 23070261  
**Test Package:** TEST



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To discuss the diagnosis or test data:

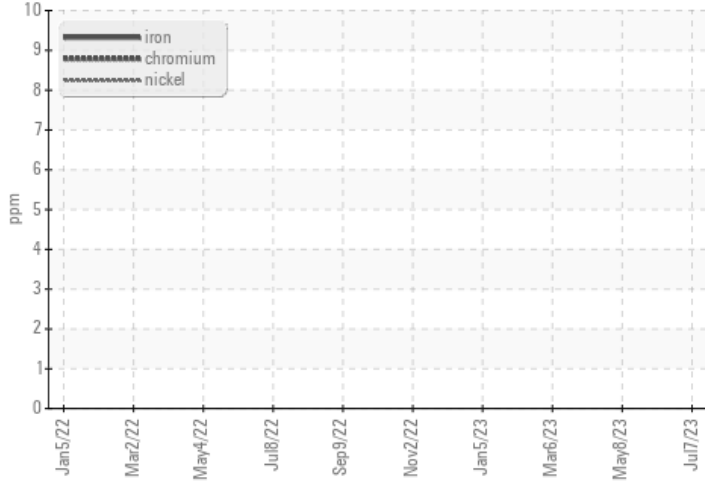
Brad Fritz +1 (314)872-9540  
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To change component or sample information:

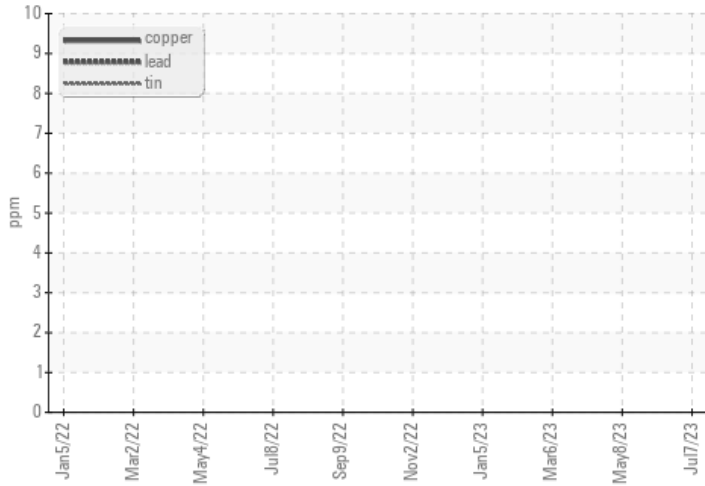
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# FUEL REPORT

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C

