

LABORATORY ANALYSIS



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Department **MACHINING**
 Equipment No. **TSUGAMI MO8SY-II (X0010)**
 System **Machining Fluid**
 Oil Type **ENGINEERED LUBRICANTS ENCOOL SS-7478EP-AS (--- GAL)**

NMCA-PRN
 DIV. OF EMERSON ELECTRIC CO., P. O. BOX 326
 PRINCETON, IN
 US 47670
 Contact: Charlie English
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 T: (812)387-1279
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Diagnosis

Add make up dilution of 50:1 ENGINEERED LUBRICANTS ENCOOL SS-7478EP-AS lean dilution until reaching recommended dilution of 15:1. The desired refractometer reading for this reservoir is 3.59.{not applicable} There is no indication of any contamination in the machining fluid. Ratio is slightly strong.

Sample Information

Lab Number	New	2404-01063	2312-00836	2308-01319
Date of Sample	(Typical)	23 Apr 2024	19 Dec 2023	24 Aug 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		ABNORMAL	NORMAL	SEVERE

RATIO PER REFRACTOMETER

Refract. Reading		7.3	4.6	2.4
Refract. Model		DIGITAL	DIGITAL	DIGITAL
Refract. Ratio	oil:water	▲ 7:1	■ 12:1	▲ 23:1

pH (ASTM E-70)

pH	Scale 0-14	■ 9.2	■ 9.2	■ 9.0
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	■ 0	■ 1
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FUNGUS COUNT (Class Ranges: Yeast 0 to 4/Mold 0 to 3)

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

Contamination

Water		NEG	NEG	NEG
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Customer Id: NMCPRI
 Sample No.: EN0000236
 Lab Number: 24041063
 Test Package: TEST



To manage this report scan the QR code

To discuss the diagnosis or test data:

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FUEL REPORT