

LABORATORY ANALYSIS



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Department **REYLAM - DIECAST**
Equipment No. **QUEN04 DIECAST QUENCH TANK (X0026)**
System **Quenching Fluid**
Oil Type **ENGINEERED LUBRICANTS ENCOOL SOL-6465GF-ND-XL-RO (--- GAL)**

DIAGNOSIS

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

SAMPLE INFORMATION

Lab Number	New	2310-00647	2309-00651	2308-00877
Date of Sample	(Typical)	10 Oct 2023	14 Sep 2023	09 Aug 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		37.4	36.6	35.4
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		NORMAL	ABNORMAL	SEVERE

RATIO PER REFRACTOMETER

Refract. Reading		2.5	1.6	1.8
Refract. Model		DIGITAL	DIGITAL	DIGITAL
Refract. Ratio	oil:water	11:1	18:1	16:1

PH (ASTM E-70)

pH	Scale 0-14	9.0	8.7	8.8
Ratio Rec'd	oil:water	AS REC'D	AS REC'D	AS REC'D

HARDNESS (MG/L CaCO3)

Hardness (CaCO3)	mg/L	23.1	14.1	124.4
Grains		1.4	<1.0	7.3

CIC CORROSION

CIC Dilution		AS REC'D	AS REC'D	AS REC'D
CIC Corrosion	%	0.0	0.0	0.0

GRAVIMETRIC, MG/L

Filter Micron	μ	0.45	0.45	0.45
Gravimetric	mg/L	6	4	8

BACTERIA COUNT (CLASS RANGE 0 TO 6)

Bacteria Class	Scale 0-6	1	1	5
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FUNGUS COUNT (CLASS RANGES: YEAST 0 TO 4/MOLD 0 TO 3)

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

ENERGY DISPERSIVE XRF (*BELOW MINIMUM DETECTION LIMIT)

ppm Chlorine (Cl)	ppm	*	*	*
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CONTAMINATION

Water		NEG	NEG	NEG
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Customer Id: MOTMCA
Sample No.: EN23100647
Lab Number: 23100647
Test Package: TEST



To manage this report scan the QR code

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FUEL REPORT