LABORATORY ANALYSIS

Department Equipment No. System

REYLAM - DIECAST QUEN02 DIECAST QUENCH TANK CELL 2 TANK 1 (X0017) **Quenching Fluid**

Lab Number

Oil Added

Date of Sample

Last Drain Date

Sample Point

Sample Status

Refract. Reading

Refract. Model

Refract. Ratio

Ratio Rec`d

CIC Dilution

CIC Corrosion

Filter Micron

Hardness (CaCO3)

pН

Grains

Months on Sample

Last Filter Service

Oil Type

ENGINEERED LUBRICANTS ENCOOL SOL-6465GF-ND-XL-RO (--- GAL)

DIAGNOSIS

Add 1 gallons of ENCOOL BASE PH-1-2 to the reservoir in an area of high agitation. Circulate the reservoir for a minimum 15 minutes. Check pH for a minimum reading of 8.9. If the reading has not stabilized at or above an 8.9, repeat the same addition and circulation process until a pH minimum of 8.9 has been achieved.{not applicable} There is no indication of any contamination in the quenching fluid. The pH is marginally low. PH is a metric for overall coolant health and stability. Maintaining the desired pH assists with corrosion protection and is a microorganism deterrent.

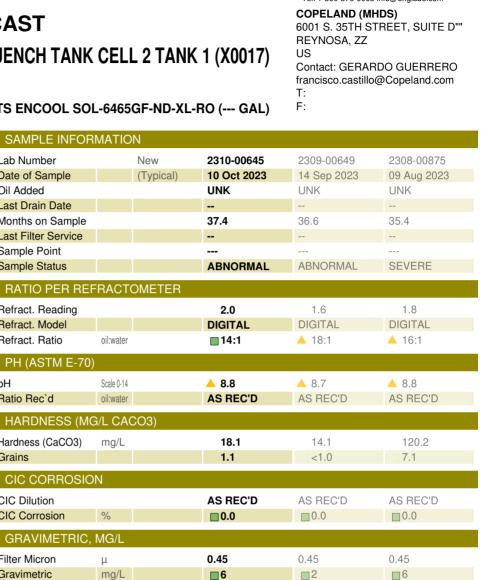
Customer Id: MOTMCA Sample No.: EN23100645 Lab Number: 23100645 Test Package: TEST



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Gravimetric BACTERIA COUNT (CLASS RANGE 0 TO 6) Bacteria Class Scale 0-6 6 5 2 1 FUNGUS COUNT (CLASS RANGES: YEAST 0 TO 4/MOLD 0 TO 3) Scale 0-4 **3** Yeast Class 0 1 Mold Class Scale 0-3 0 0 0

ENERGY DISPERSIVE XRF (*BELOW MINIMUM DETECTION LIMIT

	<u>`````````````````````````````````````</u>			,	
ppm Chlorine (Cl)	ppm	*	*	*	
CONTAMINATION					
Water		NEG	NEG	NEG	



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FUEL REPORT