

OIL ANALYSIS REPORT

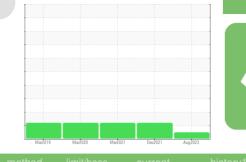
Sample Rating Trend



DIAGNOSIS

Wear

280 Slater Ch#2 **CARRIER 4291J44874** Component



NORMAL

ESSO NUTO H ISO 68 (--- GAL)

SAMPLE INFORMATION method GTT0001229 GTT14028 GTT14029 Sample Number **Client Info** Recommendation The increased readings on copper, zinc and the oil Sample Date Client Info 21 Aug 2023 07 Dec 2021 01 Mar 2021 acid number are all associated with the effects of Machine Age hrs **Client Info** 0 additives blended in this oil formula. Resample at Oil Age hrs Client Info 0 the next service interval to monitor. Oil Changed **Client Info** N/A N/A N/A NORMAL ABNORMAL Sample Status ABNORMAL All component wear rates are normal. WEAR METALS Contamination 2 The water content is negligible. There is no ASTM D5185(m) 2 1 Iron ppm >8 indication of any contamination in the oil. Chromium ASTM D5185(m) >2 0 ppm <1 <1 Fluid Condition Nickel ppm ASTM D5185(m) 0 The AN level is acceptable for this fluid. The Titanium ASTM D5185(m) 0 ppm condition of the oil is suitable for further service. Silver ppm ASTM D5185(m) >2 0 Aluminum ASTM D5185(m) >3 ppm <1 <1 <1 Lead ASTM D5185(m) >2 6 ppm <1 <1 ASTM D5185(m) 247 459 337 Copper >8 ppm Tin ppm ASTM D5185(m) >4 0 <1 <1 Antimony ASTM D5185(m) 0 ppm Vanadium ppm ASTM D5185(m) 0 Beryllium ASTM D5185(m) 0 ppm Cadmium ASTM D5185(m) 0 ppm 0 0 Boron ASTM D5185(m) ppm 0 Barium ppm ASTM D5185(m) O Molybdenum ASTM D5185(m) 0 0 ppm 0 Manganese ppm ASTM D5185(m) Magnesium ppm ASTM D5185(m) 5 <1 Calcium ASTM D5185(m) 50 39 ppm Phosphorus 330 ppm ASTM D5185(m) 313 Zinc ppm ASTM D5185(m) 420 260 **4**3 42 3100 680 Sulfur ppm ASTM D5185(m) Lithium ASTM D5185(m) <1 ppm Silicon ASTM D5185(m) >15 15 ppm Sodium ASTM D5185(m) ppm <1 Potassium ppm ASTM D5185(m) >20 0 ppm Water ppm ASTM D6304* >100 9 93 110 FLUID DEGRADATION Acid Number (AN) mg KOH/g ASTM D974* .40 0.35 0.030 ▲ 0.076



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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE		
Yellow Metal	scalar	Visual*	NONE	NONE		
Precipitate	scalar	Visual*	NONE	NONE		
Silt	scalar	Visual*	NONE	NONE		
Debris	scalar	Visual*	NONE	NONE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORML	NORML		
Odor	scalar	Visual*	NORML	NORML		
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	68.8	54.6		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
GRAPHS						



 Sample No.
 : GTT0001229
 Recieved
 : 28 Dec 2023
 C/O Conduent Div of Ca

 Lab Number
 : 02605639
 Diagnosed
 : 05 Jan 2024

 Unique Number
 : 5698724
 Diagnostician
 : Bill Quesnel

 Test Package
 : IND 2 (Additional Tests: KV40)
 Co

 To discuss this sample report, contact Customer Service at 1-905-847-9300 Ext 26.
 Brian.R

 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Damages: Seller shall in no event be liable for special, incidental, or consequential damages, of a commercial nature, resulting from any cause.

Carrier Commerical Service C/O Conduent Div of Carrier Canada, 1-2740 Matheson Blvd Mississauga, ON CA L4W 4X3 Contact: Brian Raymundo Brian.Raymundo@carrier.com T: n any cause. F: