

WEAR

# PERFORATOR REWIND SHAFT

Gearbox Fluid

SHELL OMALA 220 (--- GAL)

#### COMPONENT CONDITION SUMMARY









)ec29/22

#### RECOMMENDATION

We advise that you check for visible metal particles in the oil. We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

## PROBLEMATIC TEST RESULTS

Sample Status				SEVERE				
PQ		ASTM D8184*		<b>e</b> 2399				
Iron	ppm	ASTM D5185(m)	>200	<b>•</b> 4314				
Chromium	ppm	ASTM D5185(m)	>15	<u> </u>				
Copper	ppm	ASTM D5185(m)	>200	<b>e</b> 2878				
Tin	ppm	ASTM D5185(m)	>25	• 354				
Yellow Metal	scalar	Visual*	NONE	A MODER				
Visc @ 40°C	cSt	ASTM D7279(m)	220	<u> </u>				
					1			

PrtFilter



Dec29/22

Customer Id: IVEMIS Sample No.: WC0763609 Lab Number: 02533195 Test Package: IND 2



To manage this report scan the QR code

*To discuss the diagnosis or test data:* Kevin Marson +1 (289)291-4644 x4644 <u>Kevin.Marson@wearcheck.com</u>

To change component or sample information: Gloria Gonzalez +1 (289)291-4643 x4643 gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS							
Action	Status	Date	Done By	Description			
Change Fluid	MISSED	Feb 15 2024	?	We recommend that you drain the oil from the component if this has not already been done.			
Resample	MISSED	Feb 15 2024	?	We recommend an early resample to monitor this condition.			
Information Required	MISSED	Feb 15 2024	?	NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.			
Check Fluid Source	MISSED	Feb 15 2024	?	Confirm the source of the lubricant being utilized for top-up/fill.			
Check For Visual Metal	MISSED	Feb 15 2024	?	We advise that you check for visible metal particles in the oil.			

HISTORICAL DIAGNOSIS



WEAR

### Machine Id PERFORATOR REWIND SHAFT

Gearbox Fluid SHELL OMALA 220 (--- GAL)

#### DIAGNOSIS

#### Recommendation

We advise that you check for visible metal particles in the oil. We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

#### 🏓 Wear

Copper and iron and tin ppm levels are severe. PQ PQ levels are severe. Chromium ppm levels are abnormal. Moderate concentration of visible metal present. Bearing and/or bushing wear is indicated. Gear wear is indicated. The very high ferrous density (PQ) index indicates that severe wear is occurring.

#### Contamination

There is no indication of any contamination in the oil.

#### Fluid Condition

Viscosity of sample indicates oil is within ISO 320 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The AN level is acceptable for this fluid. The oil is no longer serviceable as a result of the abnormal and/or severe wear.







## **OIL ANALYSIS REPORT**



**Ivex Protective Packaging** 930 Britannia Rd E Mississauga, ON CA L4W 5M7 Contact: Terry Earle Terry.Earle@ivexpackaging.com T: (905)795-8887 F:

history

no image

no image

no image

no image

no image

no image