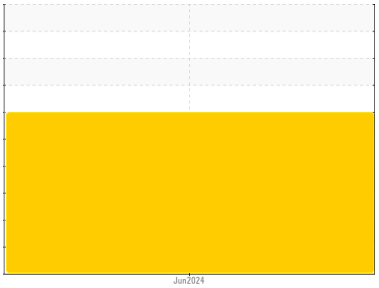
PROBLEM SUMMARY

Sample Rating Trend



WEAR PARTICLES

Machine Id
DODGE IF-41097
Component
Unknown Component
Fluid
{not provided} (--- GAL)

COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

We understand that this sample is for warranty/insurance purposes. Diagnostician's Note: The wear particles from the oil pan are likely from the late stage of the failure. They do not provide any additional information regarding the failure mode.

PROBLEMATIC TEST RESULTS

Sample Status			SEVERE	---	---
Nonferrous Cutting	Scale 0-10	ASTM D7684*	5		

Customer Id: IMP10TOR
Sample No.: PP
Lab Number: 02647503
Test Package: INS-F

To manage this report scan the QR code

To discuss the diagnosis or test data:
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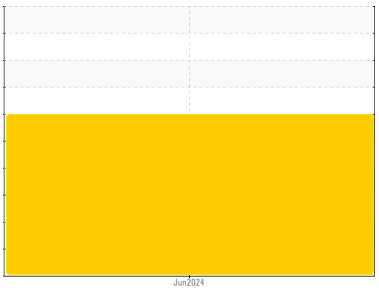
RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

FILTER DEBRIS ANALYSIS

Sample Rating Trend



WEAR PARTICLES

Machine Id
DODGE IF-41097
Component
Unknown Component
Fluid
{not provided} (--- GAL)

DIAGNOSIS

▲ Recommendation
We understand that this sample is for warranty/insurance purposes. Diagnostician's Note: The wear particles from the oil pan are likely from the late stage of the failure. They do not provide any additional information regarding the failure mode.

▲ Wear
Wear particle analysis indicates that the nonferrous (aluminum) cutting particles are severe.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**PP**	---	---
Sample Date		Client Info		**27 Jun 2024**	---	---
Machine Age	kms	Client Info		**152211**	---	---
Oil Age	kms	Client Info		**0**	---	---
Oil Changed		Client Info		**N/A**	---	---
Sample Status				**SEVERE**	---	---

CONTAMINATION	method	limit/base	current	history1	history2
Water	WC Method		**NEG**	---	---

FILTER WEAR PARTICLES		method	limit/base	current	history1	history2
Ferrous Rubbing	Scale 0-10	ASTM D7684*				
Ferrous Sliding	Scale 0-10	ASTM D7684*				
Ferrous Cutting	Scale 0-10	ASTM D7684*				
Ferrous Rolling	Scale 0-10	ASTM D7684*				
Ferrous Break-in	Scale 0-10	ASTM D7684*				
Ferrous Spheres	Scale 0-10	ASTM D7684*				
Ferrous Black Oxides	Scale 0-10	ASTM D7684*				
Ferrous Red Oxides	Scale 0-10	ASTM D7684*				
Ferrous Corrosive	Scale 0-10	ASTM D7684*				
Ferrous Other	Scale 0-10	ASTM D7684*				
Nonferrous Rubbing	Scale 0-10	ASTM D7684*				
Nonferrous Sliding	Scale 0-10	ASTM D7684*				
Nonferrous Cutting	Scale 0-10	ASTM D7684*		▲ **5**		
Nonferrous Rolling	Scale 0-10	ASTM D7684*				
Nonferrous Other	Scale 0-10	ASTM D7684*				

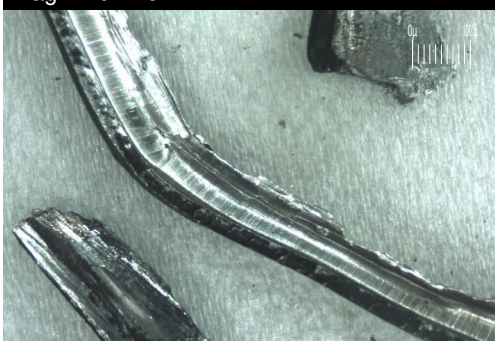
FILTER CONTAMINANTS		method	limit/base	current	history1	history2
Sand/Dirt	Scale 0-10	ASTM D7684*				
Fibres	Scale 0-10	ASTM D7684*				
Spheres	Scale 0-10	ASTM D7684*				
Other	Scale 0-10	ASTM D7684*				
Patch Weight	mg	ASTM D7684*		**N/A**	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				*no image*	*no image*
Bottom				*no image*	*no image*

FILTER REPORT

Machine Id
DODGE IF-41097
Component
Unknown Component
Fluid
{not provided} (--- GAL)

Magn: 10x Illum: RW



WEAR

Wear particle analysis indicates that the nonferrous (aluminum) cutting particles are severe.