



Machine Id
V-3928
 Component
Motor a Gas
 Fluid
MOBIL PEGASUS 1005 (--- L)

DIAGNOSIS

Recommendation

Vuelva a muestrear en el siguiente intervalo de servicio para monitorear.

Wear

Todas las tasas de desgaste de los componentes son normales.

Contamination

No hay indicios de contaminación en el oil.

Fluid Condition

La reserva alcalina TBN del oil permanece aceptable. El nivel de acidez es aceptable para este fluido. La condición del oil es adecuada para continuar en servicio.

SAMPLE INFORMATION

Lab Number	Client Info	24031447	---	---
Sample Number	Client Info	LL124031447	---	---
Sample Date	Client Info	31 Oct 2023	---	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		NORMAL	---	---

PARTICLE QUANTIFIER (PQ)

Densidad Ferrosa - PQI	ASTM D8184	0	---	---
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ICP SPECTROMETRIC ANALYSIS

Hierro - Fe	mg/kg (ppm)	ASTM D5185	5	---	---
Cromo - Cr	mg/kg (ppm)	ASTM D5185	1	---	---
Níquel - Ni	mg/kg (ppm)	ASTM D5185	1	---	---
Titanio - Ti	mg/kg (ppm)	ASTM D5185	1	---	---
Plata - Ag	mg/kg (ppm)	ASTM D5185	1	---	---
Aluminio - Al	mg/kg (ppm)	ASTM D5185	6	---	---
Plomo - Pb	mg/kg (ppm)	ASTM D5185	1	---	---
Cobre - Cu	mg/kg (ppm)	ASTM D5185	1	---	---
Estaño - Sn	mg/kg (ppm)	ASTM D5185	1	---	---
Vanadio - V	mg/kg (ppm)	ASTM D5185	1	---	---
Silicio - Si	mg/kg (ppm)	ASTM D5185	2	---	---
Sodio - Na	mg/kg (ppm)	ASTM D5185	2	---	---
Potasio - K	mg/kg (ppm)	ASTM D5185	1	---	---
Boro - B	mg/kg (ppm)	ASTM D5185	67	---	---
Bario - Ba	mg/kg (ppm)	ASTM D5185	1	---	---
Molibdeno - Mo	mg/kg (ppm)	ASTM D5185	1	---	---
Manganeso - Mn	mg/kg (ppm)	ASTM D5185	1	---	---
Magnesio - Mg	mg/kg (ppm)	ASTM D5185	6	---	---
Calcio - Ca	mg/kg (ppm)	ASTM D5185	1591	---	---
Fósforo - P	mg/kg (ppm)	ASTM D5185	288	---	---
Zinc - Zn	mg/kg (ppm)	ASTM D5185	318	---	---
Litio - Li	mg/kg (ppm)	ASTM D5185	1	---	---

KARL FISCHER

Agua	g/100g (%)	ASTM D6304(b)	0.0512	---	---
Agua (Karl Fischer)	mg/kg (ppm)	ASTM D6304(b)	511.9	---	---

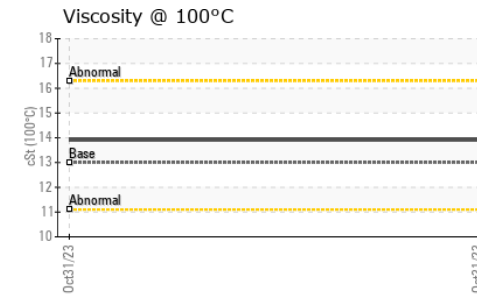
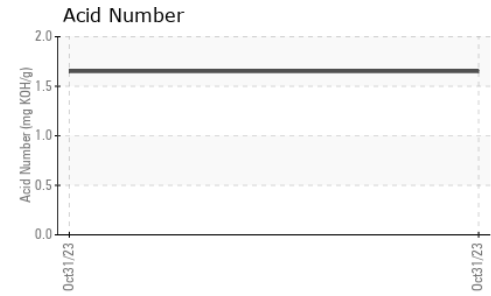
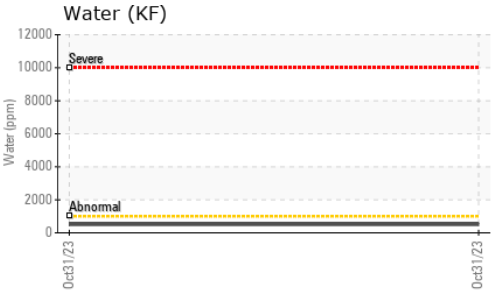
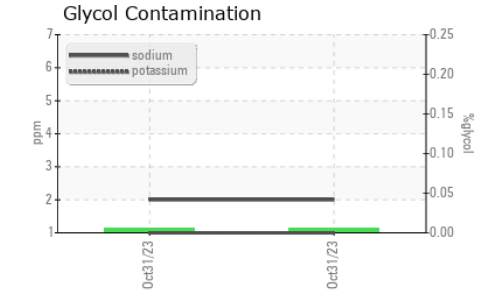
GLYCOL CONTAMINATION TEST

Glicol en lubricantes	µg/g (ppm)	ASTM D7922	< 50	---	---
Etilenglicol	µg/g (ppm)	ASTM D7922	< 50	---	---
Propilenglicol	µg/g (ppm)	ASTM D7922	< 50	---	---

INFRA-RED ANALYSIS

Hollin %	g/100g (%)	ASTM E2412	0.1	---	---
Oxidación	Abs/0,1mm	ASTM E2412	15.60	---	---
Nitración	Abs/0,1mm	ASTM E2412	9.90	---	---
Sulfatación	Abs/0,1mm	ASTM E2412	18.50	---	---

OIL ANALYSIS REPORT



GLYCOL CONTAMINATION						
Glicol (Presencia)	%	ASTM E2412	0.00	---	---	

ACID NUMBER (AN) MANUAL						
TAN - Acidez mineral	pos/neg	ASTM D974	1.65	---	---	

ACID NUMBER (AN) AUTOMATED						
Número Ácido - TAN	mgKOH/g	ASTM D974	1.65	---	---	

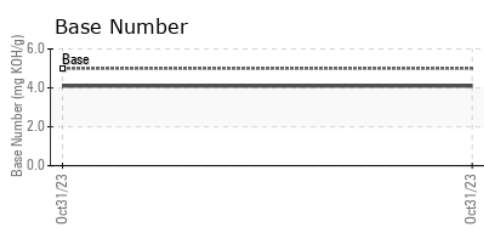
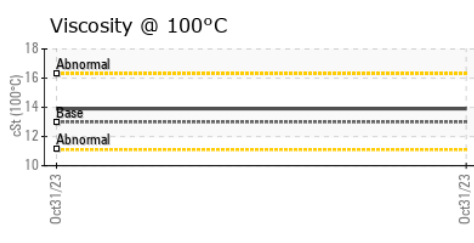
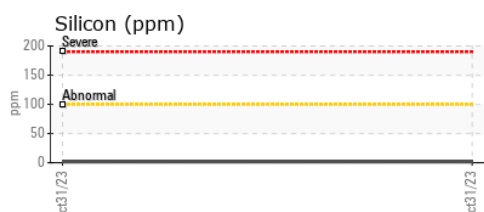
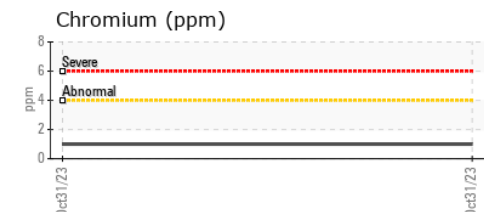
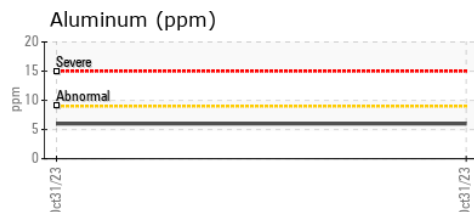
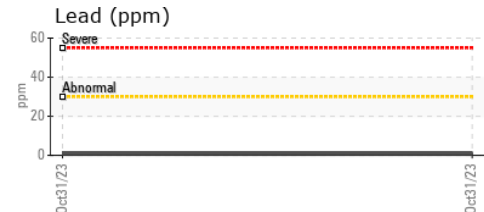
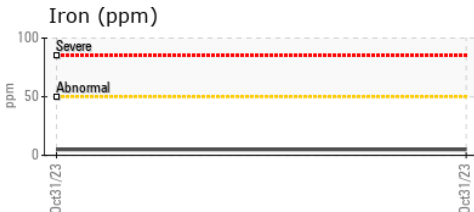
BASE NUMBER (BN)						
Número Básico - TBN	mgKOH/g	ASTM D2896	4.10	---	---	

I-PH						
pH inicial	Scale 0-14	ASTM D974	5.20	---	---	

VISCOSITY @ 100°C						
Viscosidad a 100°C	mm²/s (cSt)	ASTM D7279	13.91	---	---	

SAE GRADES						
Grado SAE	SAE/ISO	SAE J300	SAE 40	---	---	

GRAPHS



Laboratory : WearCheck - **Received** : 15 Nov 2023
Sample No. : LL124031447 **Tested** : 03 Apr 2024
Lab Number : 24031447 **Diagnosed** : 03 Apr 2024 - Bill Quesnel
Unique Number : 16189509
Test Package : MOB 1 (Additional Tests: FT-IR, Glycol, i-pH, ICP, KF, KV100, PQ, TAN Auto, TAN Man, TBN) **Contact:** Service Manager
To discuss this sample report, contact Customer Service at 1-800-268-2131.
Test denoted () outside scope of accreditation, (m) method modified, (e) tested at external lab.*
Validity of results and interpretation are based on the sample and information as supplied.

LANTOS DEMO ACCOUNT / Motores a Gas (Copia ENFLX EMC 11 - BORDE MONTUOSO)