



**POWER SYSTEMS**  
**SYSTÈMES DE PUISSANCE**

**RAPPORT DU CARBURANT**

**CORROSSIONE**

**NORMAL**

**CONTAMINANTS**

**ANORMAL**

**ÉTAT DU CARBURANT**

**NORMAL**

Secteur

**[166739]**

Identité de la machine

**GD12239**

Composant

**Carburant diesel**

Fluide

**No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)**

**RECOMMENDATION**

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>WA0020140</b>	GD0005733	GD0004433
Date d'échant.		Client Info		<b>20 Jun 2023</b>	21 Jun 2022	28 Sep 2020
Âge d la Machine	hrs	Client Info		<b>0</b>	0	74
Statut de l'échant.				<b>ABNORMAL</b>	ATTENTION	NORMAL

**CORROSSIONE**

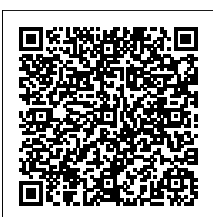
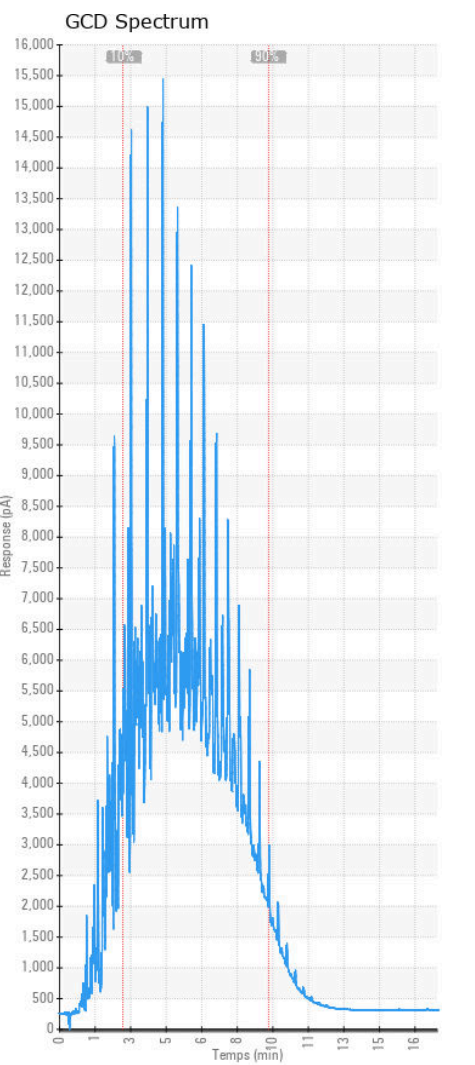
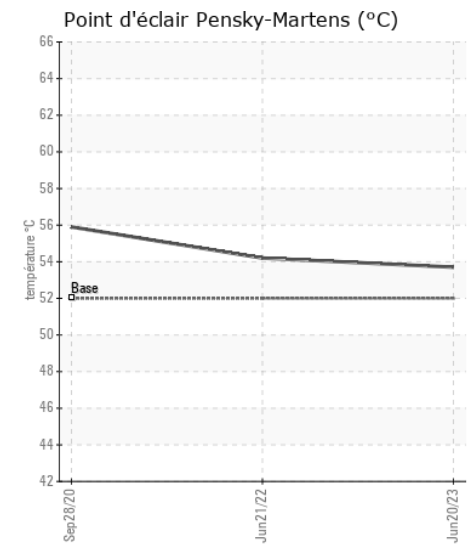
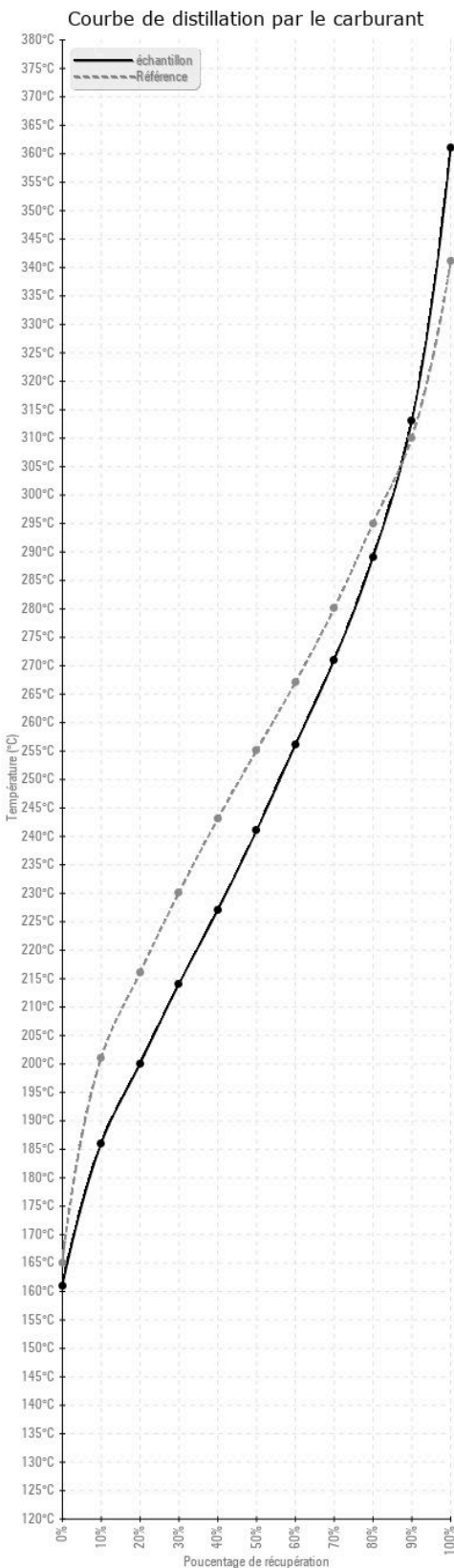
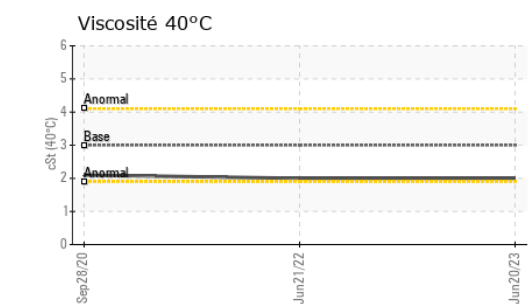
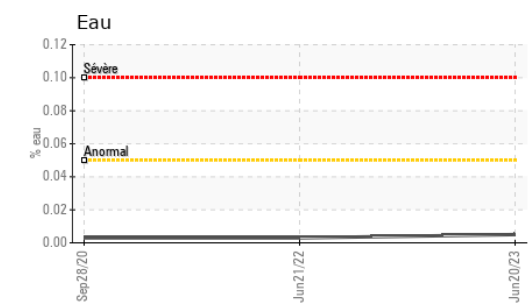
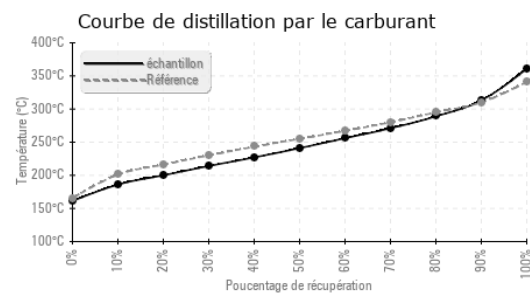
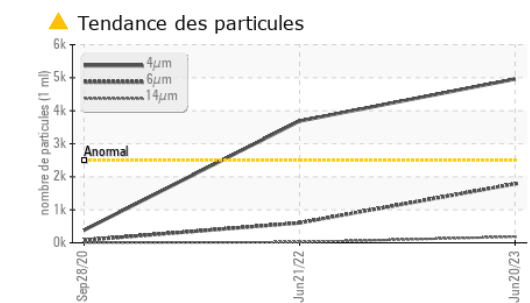
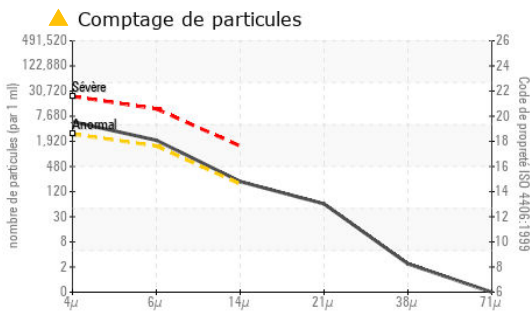
Aluminium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	0
Plomb	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	0
Fer	ppm	ASTM D5185(m)	<0.1	<b>&lt;1</b>	<1	<1

**CONTAMINANTS**

Silicium	ppm	ASTM D5185(m)	<1.0	<b>0</b>	0	0
Sodium	ppm	ASTM D5185(m)	<0.1	<b>&lt;1</b>	<1	<1
Potassium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	<1
Eau	%	ASTM D6304*	<0.05	<b>0.005</b>	0.003	0.003
ppm d'eau	ppm	ASTM D6304*	<500	<b>50.4</b>	32.3	34.6
Particules >4µ		ASTM D7647	>2500	<b>▲ 4959</b>	▲ 3687	384
Particules >6µ		ASTM D7647	>1300	<b>▲ 1784</b>	603	80
Particules >14µ		ASTM D7647	>160	<b>▲ 184</b>	19	8
Particules >21µ		ASTM D7647	>40	<b>54</b>	4	3
Particules >38µ		ASTM D7647	>10	<b>2</b>	0	0
Particules >71µ		ASTM D7647	>3	<b>0</b>	0	0
Propreté de l'huile		ISO 4406 (c)	>18/17/14	<b>▲ 19/18/15</b>	▲ 19/16/11	16/13/10
Bactéries	CFU/ml	ASTM D6469*	>=100000	<b>0</b>	---	---
Levures	CFU/ml	ASTM D6469*	>=100000	<b>0</b>	---	---
Moisissures	Colonies	ASTM D6469*	MODER	<b>NONE</b>	---	---
Calcium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	0
Magnésium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	<1	0
Phosphore	ppm	ASTM D5185(m)	<0.1	<b>&lt;1</b>	<1	0
Zinc	ppm	ASTM D5185(m)	<0.1	<b>0</b>	<1	<1

**ÉTAT DU CARBURANT**

Densité		ASTM D1298*	0.839	<b>0.824</b>	0.824	0.825
Couleur du carburant	text	Visual Screen*	Yllow	<b>Pink</b>	Pink	Pink
Visc 40°C	cSt	ASTM D7279(m)	3.0	<b>2</b>	2	2.1
Point d'éclair Pensky-Martens	°C	ASTM D7215*	52	<b>53.7</b>	54.2	55.9
Soufre	ppm	ASTM D5185(m)	10	<b>10</b>	12	138
Point d'ébullition initial	°C	ASTM D2887*	165	<b>161</b>	159	159
Point de distillation de 10%	°C	ASTM D2887*	201	<b>186</b>	185	187
Point de distillation de 20%	°C	ASTM D2887*	216	<b>200</b>	199	202
Point de distillation de 30%	°C	ASTM D2887*	230	<b>214</b>	214	217
Point de distillation de 40%	°C	ASTM D2887*	243	<b>227</b>	227	231
Point de distillation de 50%	°C	ASTM D2887*	255	<b>241</b>	242	244
Point de distillation de 60%	°C	ASTM D2887*	267	<b>256</b>	258	259
Point de distillation de 70%	°C	ASTM D2887*	280	<b>271</b>	273	273
Point de distillation de 80%	°C	ASTM D2887*	295	<b>289</b>	290	290
Point de distillation de 90%	°C	ASTM D2887*	310	<b>313</b>	314	314
Point d'ébullition final	°C	ASTM D2887*	341	<b>361</b>	358	364
Densité API		ASTM D1298*	37.7	<b>40</b>	40	40
Indice de cétane		ASTM D4737*	<40.0	<b>49</b>	49	50



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WA0020140  
**N° de laboratoire** : 02567435  
**Numéro unique** : 5604481  
**Analyse** : FUEL ( Additional Tests: Bacteria, CC Flash, GC-PercFuel, PrtCount )

**Reçu** : 29 Jun 2023  
**Diagnostiqué** : 05 Jul 2023  
**Diagnostiqueur** : Kevin Marson

**Generatrice Drummond**  
 243 rue des ARTISANS  
 SAINT-GERMAIN-DE-GRANTHAM, QC  
 CA J0C 1K0

Pour discuter ce rapport, contacter le service à la clientèle au 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.

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