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Cancels and replaces the previous report n° 2016/R218 of August 18th, 2016

TEST REPORT N° 2016/ R 218a1

TEST ORDER: OB5860

DESCRIPTION OF TESTS:

Autogenous Ignition Test with Oxygen according to NF EN ISO 11114 – 3 and NF EN 1797 Standards on Krytox™ Sodium Nitrile Inhibited-GPL 226

Applicant: Chemours International Operations SARL
Dupont Meyrin Laboratory WX36
Route du Nant d'avril 146-CH-1217 Geneva
Switzerland

The Head of Center
Olivier Beuneken

ORIGINAUX SIGNES

Technical Manager: Olivier Longuet

Technician(s): Dinesh Nadaradjane, Olivier Longuet

Distribution: Chemours International Operation SARL / Mme Claudine Picore (Claudine.picore@chemours.com)

Emission date: August 30th , 2016

This report includes 5 pages

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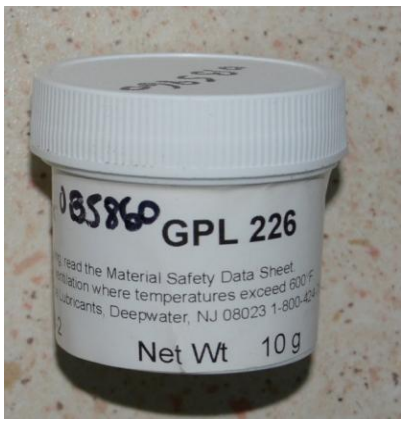
SUMMARY

At the request of Chemours International Operations Company, we carried out an Autogenous ignition test with oxygen at a test pressure of 120 bar according to NF EN ISO 11114-3 and EN 1797 standards on Krytox™ Nitrile Inhibited - GPL 226.

Tests Results:

- Up to 500 °C at 120 bar of oxygen, no autogenous ignition temperature was observed whereupon the testing was complete and discontinued.



The picture of the sample before the test, ref: Krytox™ Sodium Nitrile Inhibited-GPL 226

NOTA BENE: This report concerns only the samples that have been submitted to test.

Auto-ignition sheet

AUTO IGNITION TEST
according to EN ISO 11114-3

Data sheet # :	*5860*
Test date :	*11/07/2016*
Request # :	*OB5860*

Request by :	*Chemours International Operations SARL*

Material :	*Krytox™ Sodium Nitrile Inhibited - GPL 226*
Function :	*Grease*
Supplier :	*Chemours International Operations SARL*
Country :	*Switzerland*
Date of reception :	*15/04/2016*

Conditions of use

Condition, shape, appearance : *White*
Assumed composition :

Test conditions

Standard applied :	*EN ISO 11114-3*
Weight of sample (g) :	*0.46 +/- 0.01*
Medium :	*02*

RESULTS

Pressure in bar	*Temperature in °C*
Start	*Start*
120.7	
Peak	*Peak*
difference dP	*difference dT*

OBSERVATIONS

Up to 500 °C at 120 bar of oxygen, no autogenous ignition temperature was observed whereupon the testing was complete and discontinued

COMMENTS

Pressure :120.7 +/- 1 bar

Technical Manager	**Technician**
Olivier Longuet	Dinesh Nadaradjane

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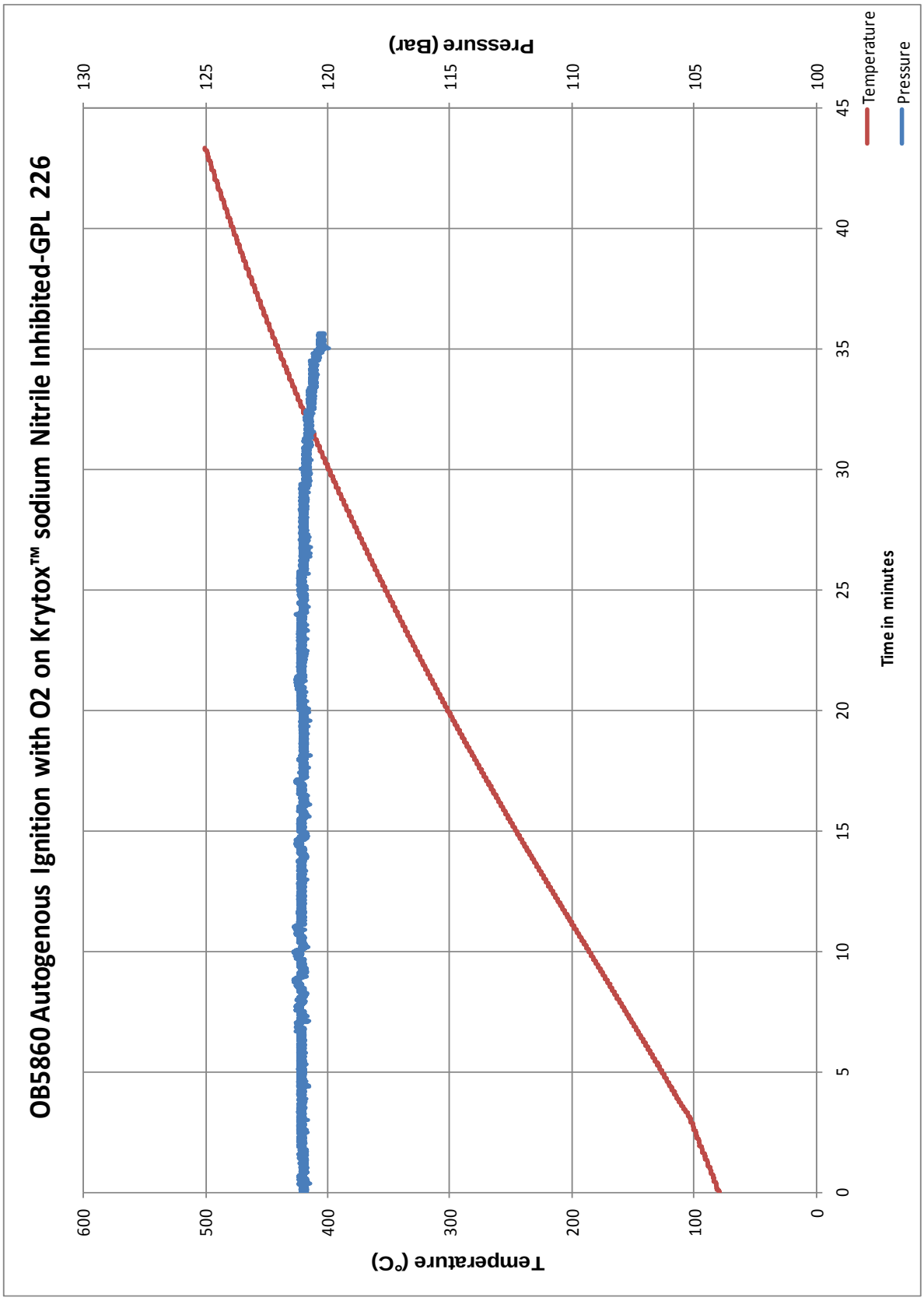
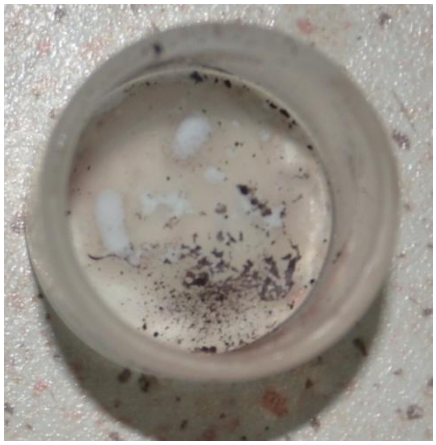
Test diagram





The picture of the sample after the autogenous ignition test with oxygen

CONCLUSION

- Up to 500 °C at 120 bar of oxygen, no autogenous ignition temperature was observed whereupon the testing was complete and discontinued.