

产品性能概述

110-5100带锁油箱盖和油颈

防腐蚀性:

油箱盖表面符合最低腐蚀要求（在正常盐雾NSS下72小时）

油箱盖表面符合400小时紫外线环境暴露的最低要求

油箱盖兼容性:

油箱盖与#2柴油和B20生物柴油兼容，暴露300小时后，垫圈/密封件都没有任何变化。

循环/耐久性:

油箱盖操作手柄关闭力为30N+/-10N，可达到5000次循环，无泄漏

环境影响:

油箱盖组件可承受-40°C到80°C的温度

防护等级 (IP) -防水:

在进行IPX3喷水测试时，油箱盖总成无进水。

排气性能:

出口阀性能：当油箱内排气流量达到17000 SCCM时，出口阀开启压力为15.8 kPa。

进气阀性能：如油箱内真空，开启压力测量值为-1.39 kPa。

注：空气滤清器寿命有限，需要定期检查和更换以确保最佳性能

排放试验:

当油箱倾斜45度时，排气阀可防止燃油从油箱泄漏

注意:

所示产品性能值仅用作一般指南，因为特定应用和安装可能会影响结果。油箱盖/油颈是否适合特定应用、适用的法规/排放要求和燃油消耗能力取决于最终设备制造商。建议客户索取样品并自行进行测试，以确定产品是否适合预期用途和特定应用。

如有要求，可提供其他测试信息。



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Product Performance Summary

110-5100 Locking Fuel Cap and Filler Neck

Corrosion Protection:

Exterior of Fuel Cap meets minimum requirements of corrosion (72 hrs when subjected to normal salt spray NSS).

Exterior of Fuel Cap meets minimum requirements of 400 hrs UV environmental exposure.

Fuel Compatibility:

Fuel cap is compatible with #2 diesel and B20 biodiesel fuels and there were no changes to any of the gaskets/seals after exposure of 300 hrs.

Cycle/Durability:

Fuel cap meets 5000 cycles with operating handle closing forces of 30N +/-10N and presents no leakage.

Environmental:

Fuel cap assembly will withstand temperatures of -40° and 80° C.

Ingress Protection (IP) Rating - Water :

Fuel cap assembly does not allow water intrusion when tested to an IPX3 water spray.

Venting Performance:

Outlet valve performance: When exhaust flow reaches 17000 SCCM in tank, opening pressure of outlet valve at 15.8 kPa.

Inlet valve performance: With a vacuum in tank, opening pressure measures -1.39 kPa.

Note: Air filter has limited life, periodic inspection and replacement are required to ensure optimal performance

Emissions Test

Venting valves resists leakage of fuel from tank when tank is tilted at 45° angle.

NOTE:

The Product performance values shown are intended to be applied as a general guideline only, as specific applications and installation may affect the results. Suitability of the Fuel Cap/Filler Neck for specific application, applicable regulatory/ emission requirements and fuel consumption capabilities resides with the final equipment manufacturer. It is recommended that the Customer request a sample and conduct their own testing to determine the suitability of the Product for the intended purpose and specific application.

Additional Testing information is available upon request.



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