



Niagara Air Parts Inc.

2221 Niagara Falls Blvd Niagara Falls, New York 14304 USA

1-800-565-4268 or www.niagaraairparts.com

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This oil cooler has been fully inspected by the manufacturer, Aavid Niagara, prior to FAA / PMA certification. Niagara Air Parts, Inc. has also inspected this cooler with particular attention to the threaded inlets and outlets. The oil cooler has been double boxed to avoid any possible shipping damage.

We have enclosed a small syringe of LOCTITE®565, application of which is highly recommended to lubricate and seal the pipe threads and to prevent them galling or tearing during installation.



Even when thread sealant is applied, aluminum fittings often "pick up" and destroy the threads. Because of this,

we strongly recommend the use of steel fittings in all aluminum oil coolers.



Oil Coolers with hex nut style inlet/outlets must always be installed by **holding the nut with a wrench while threading the fitting in with another wrench.** This is critical to prevent the flexible aluminum oil cooler from bending and possibly weakening or splitting apart the end sections. Thread sealant must be used on fittings.

PLEASE NOTE THAT DAMAGE TO OIL COOLER PIPE THREADS CAUSED BY IMPROPER ASSEMBLY TECHNIQUES OR DAMAGED FITTINGS IS NOT COVERED BY WARRANTY



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PRODUCT DESCRIPTION

LOCTITE® 565 is a Continental approved sealant for aviation use. (Continental maintenance manual M-0)

LOCTITE® PST 565 Thread Sealant provides the following product characteristics:

Technology	Acrylic
Chemical Type	Methacrylate Ester
Appearance (uncured)	White to Off-White Paste
Components	One Component – requires no mixing
Viscosity	High
Cure	Anaerobic
Secondary Cure	Activator
Application	Thread Sealing
Strength	Low
Operating Temperature	-54°C to +150°C

Loctite 565 is designed for the locking and sealing of plastic and metal pipes and fittings. The product cures when confined in the absence of air between close fitting metal surfaces and prevents loosening and leakage from shock and vibration.



Aavid Niagara, FAA – PMA APPROVED “20000 series” oil coolers are packaged with the following documents;

- 1) A copy of the original manufacturer’s 8130-3 or “Certificate of Compliance”**
(The Original document is retained on file at Niagara Air Parts, Inc. for future reference)
- 2) A copy of the “FAA - PMA eligibility list”**
- 3) A copy of the FAA letter of approval (identicality) and Parts Manufacturing Approval**