

EnduroCoat 3500

your best line of defense against plastic breakout

Lifetime Guarantee for plastic breakout on M250 compressor cases

GUARANTEE

StandardAero guarantees that M250 Series II Compressor Case overhauls performed by StandardAero will remain without plastic breakout defects for the periods stated below and subject to the terms and conditions herein. For purposes of this guarantee, a "defect" means plastic breakout in a compressor case that exceeds manufacturer limits.

GUARANTEE PERIOD AND COVERAGE

This prorated guarantee will be based on Engine Operating Time measured in hours or the number of years prescribed, whichever occurs first.

SERVICE	FLIGHT HOURS IN SERVICE	FROM INSTALLATION	SINCE SHIPPED	COVERAGE
PN M250-10199/23057142 Compressor Case Plastic Lining	0 - 500 hours	1 Year	1 year	100% plastic replacement
PN M250-10199/23057142 Compressor Case Plastic Lining	500 - 3500 hours	3 Years	5 years	Plastic replacement prorated from zero to 3500 hours

CLAIMS PROCESS

Customer will give StandardAero written notice of plastic breakage no later than three (3) days from the date Customer knew or should have known of the defect. Customer will ship the compressor case to StandardAero at Customer's expense no later than thirty (30) days after such notification is made. If the claim is validated as StandardAero's obligation, StandardAero will cover shipping costs for return of the compressor case to Customer. In the event that a claim is denied, StandardAero will return the compressor case to Customer C.O.D. and the cost of disassembly, reassembly, and preparation of any required technical reports will be invoiced to Customer at StandardAero's then-current hourly rate.

COVERAGE EXTENSION

This guarantee is extended to StandardAero's original overhaul Customer, but may be transferred to another party with StandardAero's prior written consent and payment of a \$100.00 transfer fee.

EXCLUSIONS

StandardAero's obligation is limited to repair of plastic breakout defects. All other compressor case components are subject to standard warranty terms. StandardAero is not liable for the compressor case vanes or parts and labor necessary for disassembly, reassembly, or testing of the major assembly in which a defect occurred. Coverage may be denied if the compressor case: (1) has not been maintained and operated in accordance with StandardAero's recommendations and the OEM's directives and instructions; (2) has been altered or repaired at facilities other than StandardAero; or (3) has been subjected to accident, misuse, abuse, neglect, or damage from the elements. This guarantee is exclusive and in lieu of all other warranties including warranties of merchantability and fitness for a particular purpose. Except for StandardAero's gross negligence or willful misconduct, StandardAero will not be responsible for incidental, resultant, punitive or consequential damages, including but not limited to lost opportunities or lost profits.

The EnduroCoat 3500 beats standard industry procedure in every test

The problem: Compressor case plastic routinely cracks/ breaks-out making it difficult to reach TBO. Corrosion initiates at the vane roots.

Results after 7 days of salt spray testing

Industry Standard



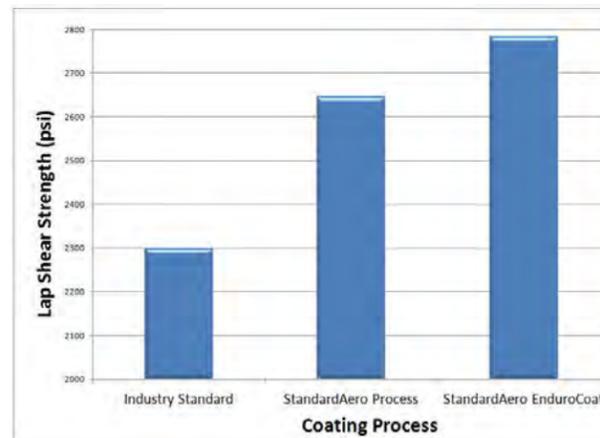
With StandardAero's EnduroCoat



The EnduroCoat 3500 gets to the root of the problem

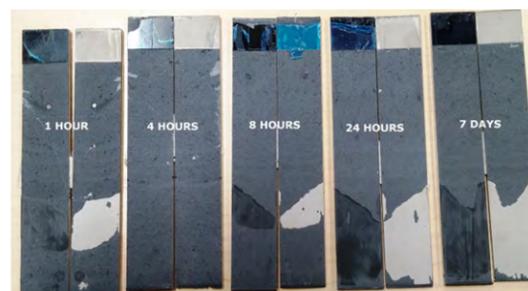
The solution: Increased bond strength prevents plastic break-out in service.

Results of lap shear strength testing



The EnduroCoat 3500 outperforms the industry standard in wedge crack testing

Industry Standard



With StandardAero's EnduroCoat

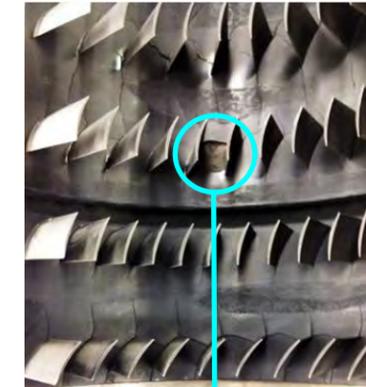


The EnduroCoat 3500:

-Saves you time

-Saves you money

-Keeps you flying.



Plastic break-out on a compressor case

StandardAero's improved procedure:

- ✓ The EnduroCoat 3500 showed a 20% increase in lap shear strength in comparison to industry standard procedures.
- ✓ Unrivaled industry experience - our compressor case technicians have over 110 years combined experience
- ✓ Lifetime guarantee. *see details

At StandardAero we recognize that frequent servicing causes major disruptions for helicopter service providers. The compressor case specifically can cause unwarranted downtime due to plastic breakout. Over time, cracks initiate at the root of the blades of the compressor case due to thermal cycling. As the cracks grow they propagate towards adjacent cracks, eventually causing plastic breakout. The EnduroCoat 3500 improves plastic adhesion which reduces the propagation of plastic cracks. Additionally, the EnduroCoat 3500 drastically reduces corrosion of the base metal which also contributes to plastic breakout. This ingenuity makes it possible to minimize plastic breakout within the compressor case which in turn minimizes time lost and money spent for operators.

-Graeme Crawford, Repair Development Engineer

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EnduroCoat 3500

for M250 Series II Compressor Cases



Lifetime Guarantee

*see details inside



an authorized
Rolls-Royce
maintenance center



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