SUBJECT : **All propeller models manufactured by Avia Propeller**
Lubrication of the blade thread

NOTE:
User is responsible for this document up-dating according to issued changes. Latest revision of this document is freely disposable at www.aviapropeller.com.

Avia Propeller recommends to apply the grease to the blade threads of new or overhauled propeller prior to being installed into the propeller hub to prevent the corrosion. Lubricate the threads slightly with Aeroshell Grease 5 or 6 (or equivalent).

Avia Propeller highly recommends using the grease to the blade threads for propellers installed on aircrafts long grounded in the open air. Follow this procedure :

NOTE:
Observe the mark on the blade bushing face related to the blade angle prior the blade removal from the bushing. Renew this mark if not very visible or if missing before the next steps.

1) Remove the blade from the hub.

2) Visually inspect the blade shank for corrosion with special attention to the blade threads. Only small surface corrosion marks are permitted. Do not remove the corrosion marks by any tool, only use a clean cloth to wipe the surface.

3) Slightly lubricate the blade thread and cylindrical end portion with Aeroshell Grease 5 or 6 (or equivalent).

4) Check the o-ring on the blade shank and install the blade into the hub.

CAUTION:
DO NOT APPLY ANY GREASE TO THE SURFACE WHERE THE BLADE IS CLAMPED IN THE BUSHING (CYLINDRICAL PORTION BETWEEN THE THREAD AND BLADE AIRFOIL-SEE FIGURE 1) ! THIS SURFACE MUST BE ABSOLUTELY DRY AND FREE FROM ANY GREASE AFTER BLADE IS INSTALLED IN THE BUSHING !
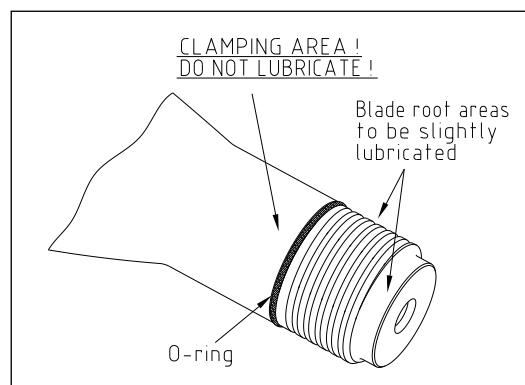

Figure 1

NOTE:
For aircraft long grounded in the open air the Avia Propeller recommends to inspect and lubricate the blade shank according to the procedure listed above once a six months.

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Pages : 1 |

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