



AVIATION TECHNICAL BULLETIN

Champion Spark Plug Company

P. O. BOX 910, TOLEDO, OHIO 43601

ROUTE TO	
SERVICE MANAGER	
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SPIN-ON FILTER STICKING

Apparently on some aircraft, operators have had a problem with the removal of spin-on filters.

It has been reported that some operators have eliminated the problem by lubricating the base gasket with Dow Corning Compound (DC-4) instead of using aircraft engine oil for the gasket lubricant.

DC-4 Compound is compatible with the spin-on gasket material; therefore, it is permissible to use this compound with Champion Spin-on Filters.

We suspect on some filter installation the engine oil filter adapter can operate at high enough temperatures to break down the engine oil, thus causing the gasket to stick to the engine adapter.

If you elect to use this compound, simply apply a thin coating on the base gasket by brushing or wiping.

CAUTION: DC-4 Compound is relatively non-toxic. However, it may cause slight temporary discomfort if accidentally rubbed into the eyes. We do not recommend DC-4 Compound as a lubricant for replacement element gaskets such as used with our CFO-100 and CFO-101 element kits.
