

Air filter oils and cleaning fluid

All foam air filters should be oiled to provide the best filtration performance. The recommended oils are specifically formulated for foam air filters. When the oil is correctly applied, it provides a tacky coating over all the surfaces of the structure of the foam filter. As dust particles pass into the filter, they collide with the foam structure and are then retained in the oil coating. The oil coating also flows around the dust particles to continue to present a tacky surface for further dust particles.

If foam air filters are used in a 'dry' or non-oiled state, they still provide filtration of larger dust particles, and they will also retain most smaller dust particles due to an electrostatic effect. Electrostatic dust retention is much less reliable than oil retention, so if a filter is used without oil, it is very important to monitor whether any dust is passing through the filter, and to clean the filter frequently. Some dust, which can potentially damage the engine, may pass through a filter used in dry condition.

ITG will not provide any warranty when a filter is used in dry condition, or has not been maintained according to instructions.

There is a popular misconception that oil from air filters can become detached from the filter, pass through the air, and contaminate a MAF unit (mass air flow meter). Oils designed specifically for foam air filters are too viscous to become airborne and migrate onto MAF units. All pre-oiled ITG Profilters have the correct amount of oil applied and will not cause any issues with MAF units.

Under no circumstances use cotton gauze filter oil, engine oil or any other oil not specifically manufactured for foam air filters.

ITG provides two types of air filter oil and a cleaning fluid.

JDR-1 – 200ml aerosol

ITG recommends this product for our Maxogen, Megaflo and Raceair products for low dust conditions such as track days and racing. Follow the instructions on the can for correct oiling.

JDR-2 – 200ml aerosol

ITG recommends this product for the re-oiling of Profilters and for heavy duty or long life applications such as rallying, hillclimbing or for very dusty conditions such as deserts.

Air Filter Cleaner – 500ml pump action bottle

Use to clean the oil and grime out of your air filter prior to re-oiling. It can be washed out with water and comes in a handy pump action bottle.

Air Filter Maintenance Kit

These kits contains one 200ml aerosol can of either JDR-1 or JDR-2 and one 500ml bottle of Cleaning Fluid.



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