

# Shell Advance Filter

*Special oil for treatment of motorcycle air induction filters made of plastic foam.*



Shell Advance Filter is a specially developed oil for pre-treatment of the plastic foam or cotton wadding filters.

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## Applications

- **All plastic foam or cotton wadding filters.**

Apply Shell Advance Filter Oil evenly to the surface of a new or recently cleaned filter (e.g. using a pipette) and allow to penetrate briefly. Then compress the filter several times to wring out excess fluid. Next, allow to dry for about 15 minutes in the open air so that the solvent can evaporate and the absorbed filter oil reach its final viscosity. The amount of oil used per treatment should be varied according to the size of the filter. As a guide, use 7-12ml/100 cm<sup>3</sup> of filter material.

After saturation with dirt particles, the filter can be easily flushed clean with Shell Advance Brake Cleaner.

The solvent contained in the filter oil evaporates very quickly and easily, so that the high final viscosity of the oil is achieved in a shorter space of time. This results in the filter not losing oil either during storage, following application to the air filter housing, nor at high temperatures.

- **Low power losses.**

Shell Advance Filter Oil forms a thin, sticky film on the active surface of the filter, which absorbs the particles in the induction air without the airflow being hindered to any notable extent. A filter treated in this way is thus ideally suited to difficult, very dusty running conditions avoiding the engine losing power because of lower intake performances.

## Performance Features and Benefits

- **Easy penetration of the filter to be treated.**  
Due to the very low initial viscosity and good penetration ability, the filter oil penetrates the plastic foam filter easily and saturates the material fully and evenly.
- **Quick ready to use status.**

## Health and Safety

Shell Advance Filter is classified as a hazardous material. Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet that can be obtained from your Shell representative.

## Typical Physical Characteristics

Advance Filter Oil			
Density at 20°C	kg/m <sup>3</sup>	ASTM D 4052	760
Flash Point COC	°C	ISO 2592	< 0

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.