

ABSTRACT

Disclosed is An oil-water evaporating and separating filter, comprising a filter element, a cartridge provided with an oil inlet and an oil outlet, and an evaporating and separating cover, the evaporating and separating cover comprises a sealing cover, an evaporating and separating portion and a heating device, the sealing cover is hermetically connected with the cartridge, the sealing cover is provided with a water vapor discharge hole and a recess, the heating device is disposed within the recess of the sealing cover, the evaporating and separating portion is hermetically connected with the filter element and includes a first folding plate provided with a plurality of outlets and having an angle of 91° - 120° with respect to a vertical direction. The oil-water evaporating and separating filter provided in the present invention may filter out both impurities and water from the engine oil, thus better protect the engine and elongate its service life.

Figure 2