

WASH SYSTEMS FOR GAS TURBINE ENGINES

ABSTRACT

A wash system (300A, 300B, 300C) for washing a gas turbine engine (10) having a compressor section (22, 24), a combustion section (26), and a turbine section (28, 30) includes a detergent reservoir (365) for storing a wash fluid (372), a foam wash module (315) in fluid communication with the detergent reservoir (365) for generating a flow of foamed wash fluid (376), a particulate reservoir (370) for storing solid particulates (380), and at least one supply line (378) fluidly coupled to the foam wash module (315) and the particulate reservoir (370) for supplying a mixture of the foamed wash fluid (376) and the solid particulates (380) to the gas turbine engine (10).

[Figure 3A]