

Oil system of gas-turbine motor of gas transportation unit includes connected in sequence discharge oil tank, oil heater, discharge and oil suction pumps, oil filter, nozzles, complex of oil separation and oil discharge units, controller of oil temperature and air oil cooler. Additionally in the direction of oil flow, between oil suction pump and controller of oil temperature, in the direction of fuel flow – between installation for fuel preparation and motor – fuel-cooled oil cooler is installed. An oil heater is made electrical, connected to elements of automated control.