

A pump for transportation viscous fluids relates to the area of machine-building and can be used in pump constructing, in particular in the pumps with volumetric displacement for pumping viscous fluids at increased dosing at supply. The pump comprises a housing 1, inside this one is installed a ring 3 with placed in it driving 4 and driven 5 screws with coils 6, those have bases 7 and apexes 8 The apexes 8 of the coils 6 are made with a known 9 and an additional 10 facets. The additional facet 10 is created by cutting one part at the line of the known facet 9 and two its parts at the line of the outer diameter 11 of the coil 6, and the driving screw is made with a straight part 12 at the base 13.