

ABSTRACT

5 A swash plate (3, 18) and pistons (6, 17) included
in a swash plate type compressor are made of an aluminum
alloy as a base material. Rotation-preventive
interfering surfaces (6d, 17d) of the pistons (6, 17)
which interfere with another member to restrain the
pistons from rotation about their axes are coated with a
film of a solid lubricant. Sliding contact surfaces (6a,
10 17a) of the pistons (6, 17) to be in sliding contact with
surfaces defining cylinder bores (5, 16) are coated with
a film of a solid lubricant.

15 When the rotation-preventive interfering
surfaces (6d) of the pistons (6) come into impulsive
contact with the outer circumference (3b) of the swash
plate (3), the outer circumference (3b) of the swash
plate (3) is coated with a lubricating film.