

ABSTRACT

A swash plate (3, 18) included in a swash plate type
5 compressor for compressing a refrigerant is made of an
aluminum alloy as a base material. Sliding contact surfaces
(3a, 18a) of the swash plate (3, 18) in sliding contact with
shoes (7, 19) linking the swash plate (3, 18) to pistons (6,
17) are coated with a film of a solid lubricant containing at
10 least one lubricating material selected from molybdenum
disulfide, tungsten disulfide and graphite by a transfer
method. Therefore, the performance of the film and the
productivity thereof are improved.