

ABSTRACT

ANNULAR OIL DISTRIBUTOR FOR BEARING CHAMBER

An oil distributor is provided for a bearing chamber. The oil distributor includes an outer annular manifold, which is integrally formed with an interior surface of the bearing chamber and which defines a first interior cavity receptive of pressurized oil which defines a first interior cavity receptive of pressurized oil, an inner annular manifold, which defines a second interior cavity and comprises an interior facing surface defining holes respectively communicative with the second interior cavity and one or more support struts by which the inner annular manifold is supported within the outer annular manifold. Each of the one or more support struts defines interior lines by which the pressurized oil flows from the first interior cavity to the second interior cavity and to the holes.

[Figure 2]