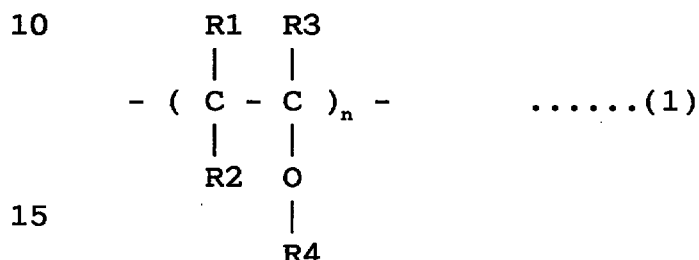


ABSTRACT OF THE DISCLOSURE

A refrigerant compressor is configured such that a compressor unit is installed in a hermetically sealed container, an HFC type refrigerant or a mixture thereof and a refrigerator oil having compatibility with the refrigerant are charged into the hermetically sealed container, and the refrigerator oil essentially comprises a polyvinyl ether type compound having structural units represented by the following general formula (1):



, wherein n is an integral number in the range of 1 or more, R1 to R3 are each a hydrogen atom or a hydrocarbon group having 1 to 8 carbon atoms and may be the same or different, R4 is an alkyl group having 1 to 4 carbon atoms, and units in which R4 is an alkyl group having 1 to 2 carbon atoms are 40 to 100 % and units in which R4 is an alkyl group having 3 to 4 carbon atoms are 0 to 60 %. As a result, the generation of a carboxylic acid caused by thermal cracking or hydrolysis due to frictional heat generated by sliding members is prevented and the generation of sludge is thereby suppressed.

This Sheet Has Been Replaced

