

LUBRICATING OIL ADDITIVE, LUBRICATING OIL
AND WORKING FLUID FOR REFRIGERATORS

ABSTRACT OF THE DISCLOSURE

A lubricating oil additive composed of a partially etherified polyhydric alcohol which has at least two hydroxyl groups and bears at least one
5 hydrocarbon group having at least one double bond in a state bonded through an ether linkage as an active component. The lubricating additive is added to a lube base oil to form a lubricating oil which can impart excellent wear resistance, which little
10 corrodes metallic substances, which little swells rubbers or resins and which little forms sludge due to thermal oxidation. Therefore, the lubricating oil is mixed with a refrigerant to give a working fluid suitably usable for refrigerant compressors of
15 domestic refrigerators, automotive air conditioners, refrigerators for industrial use and air conditioners.