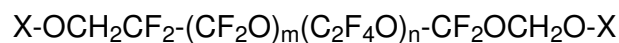


ABSTRACT

In order to obtain a magnetic recording disk that exhibits high reliability even if the flying height of a magnetic head becomes very narrow, a lubricant is specified in terms of both molecular structure and quantitative data. That is, a lubricating layer 14 of the magnetic recording disk 1 is formed by a lubricant which contains perfluoropolyether compounds represented by the following chemical formula (Chemical Formula 1) and which has a first component content of 71.7%, a second component content of 15.7%, a third component content of 11.7%, a fourth component content of 0.3%, and a fifth component content of 0.6%:

(Chemical Formula 1)



$m, n = 9 \text{ to } 11$

first component: $\text{X} = \text{X}_1 = \text{CH}_2\text{CH(OH)CH}_2\text{OH}$

second component: $\text{X} = \text{X}_2 = \text{CH}_2\text{CH(OH)CH}_2\text{OCH}_2\text{CH(OH)CH}_2\text{OH}$

third component: $\text{X} = \text{X}_3 = \text{H}$

fourth component: $\text{X} = \text{X}_4 = \text{CF}_3$

fifth component: $\text{X} = \text{X}_5 = \text{CF}_2\text{Cl}$