

LUBRICANT DEPOSITION ONTO MAGNETIC MEDIA

ABSTRACT

A method, in one embodiment, can include pumping a gas into a reservoir that includes a lubricant. In addition, the method can include changing the gas into a supercritical fluid that extracts lubricant molecules from the lubricant resulting in a mixture of the supercritical fluid and the lubricant molecules. Furthermore, the method can include utilizing the mixture to deposit a lubricant molecule onto a magnetic media.

Figure 4