

Title (en)

CARRIER-FREE METALWORKING LUBRICANT AND METHOD OF MAKING AND USING SAME

Publication

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Application

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Abstract (en)

[origin: EP0507449A1] In one aspect the invention is a carrier-free pulverulent metalworking lubricant containing a resin having a highly polar functional group, and in another aspect is a method of the invention of forging a workpiece in a die which includes the step of applying to at least one of the die and the workpiece a coating of an effective amount of the carrier-free pulverulent lubricant composition. The use of the composition and method of the invention significantly reduces smoke and oily waste generation in hot forging operations by eliminating the use of oils or volatile organic compounds as carriers, while providing acceptable performance, cleanability, and sprayability.

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