

Title (en)  
Synthetic metalworking fluid.

Title (de)  
Synthetische Metallbearbeitungsflüssigkeit.

Title (fr)  
Fluide synthétique pour le travail des métaux.

Publication  
**EP 0375412 A1 19900627 (EN)**

Application  
**EP 89313417 A 19891221**

Priority  
• US 28796388 A 19881221  
• US 36917789 A 19890621

Abstract (en)  
A metalworking fluid comprising a polybutene and a polyether glycol which preferably has a carboxylate function. The metalworking fluid may or may not be diluted with water to form a micro-emulsion. The metalworking fluid provides excellent lubrication and cooling during the working of both hard and soft metals and can be free of extreme pressure additives.

IPC 1-7  
**C10M 111/04; C10M 169/04; C10M 173/02; C10N 40/20**

IPC 8 full level  
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Citation (search report)  
• [X] US 4260502 A 19810407 - SLANKER STEVEN R  
• [A] US 3501404 A 19700317 - KLAIBER MORTON H, et al  
• [A] US 4589990 A 19860520 - ZEHLER EUGENE R [US], et al

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