

SulFol LC-series

Cutting oils



Human Technology
for man, environment
and machines

HUTECH

Cutting oils from oelheld for all kinds of processes

The SulFol LC-series cutting oils by oelheld have been developed especially for all applications in the area of chipping with geometrically defined blades. They are the ideal solution and, due to their special composition, totally up to date with current cutting oil technology.

With regards to these products, oelheld naturally remains true to their brand concept "Human Technology – for Man, Nature and Machine". Therefore, all oils of the SulFol LC-series are free from chlorine, almost free from aromatics and low in oil fumes. The products, produced from solvent refined base oils, are characterized by particularly good cooling, wetting and lubricating effects, which leads

to significant improvement of surface quality and tool edge life. Due to the special high performance composition, all oils within the SulFol LC-series have a high aging resistance and an excellent viscosity and temperature performance.

For the various types of machining and material, the SulFol LC-series cutting oils have been divided into different groups with varying composition and 3–4 degrees of viscosity each.

SulFol LCD 850 / 1500 / 2200 / 3200

Types of machining:

- drilling
 - turning
 - milling
 - thread cutting
 - hobbing
 - to some extent reaming
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Materials:

- cast materials
 - machinable steel (easy and medium difficulty)
 - non-ferrous metals
 - aluminium alloys
 - magnesium alloys
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SulFol LCO 850 / 2200 / 3200

Types of machining:

- heavy chipping
 - deep hole drilling
 - reaming
 - honing
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Materials:

- high-alloyed steel
 - heat-treated steel
 - corrosion resistant steel
 - nitrided steel
 - tool steel
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SulFol LCI 850 / 2200 / 3200

Types of machining:

- drilling
 - turning
 - milling
 - punching
 - deep-drawing
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Materials:

- cast materials
- non-alloy and alloyed heat-treated steel
- nitrided steel
- tool steel

The remaining oil film from SulFol LCI provides temporary corrosion protection for inside storage for several weeks!



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innovative fluid technology

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