

# SulFol LC-series

Cutting oils



**Performance made  
to measure!**



# 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 remain 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 LCA 120 / 850 / 2200 / 3200   |
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| <p><b>Types of machining:</b></p> <ul style="list-style-type: none"> <li>- drilling</li> <li>- turning</li> <li>- milling</li> <li>- honing</li> </ul> <p>SulFol LCA oils can also be used as multifunctional oils for hydraulic applications and for spindle lubrication.</p> |
| <p><b>Materials:</b></p> <ul style="list-style-type: none"> <li>- construction steel</li> <li>- cementation steel</li> <li>- machining steel</li> <li>- non-ferrous metal</li> <li>- plumbiferous alloys</li> </ul>  |

| SulFol LCI 850 / 2200 / 3200   |
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| <p><b>Types of machining:</b></p> <ul style="list-style-type: none"> <li>- drilling</li> <li>- turning</li> <li>- milling</li> <li>- punching</li> <li>- deep-drawing</li> </ul>   |
| <p><b>Materials:</b></p> <ul style="list-style-type: none"> <li>- cast materials</li> <li>- non-alloy and alloyed heat-treated steel</li> <li>- nitrided steel</li> <li>- tool steel</li> </ul> <p><b>The remaining oil film from SulFol LCI provides temporary corrosion protection for inside storage for several weeks!</b></p> |

| SulFol LCO 850 / 2200 / 3200   |
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| <p><b>Types of machining:</b></p> <ul style="list-style-type: none"> <li>- heavy chipping</li> <li>- deep hole drilling</li> <li>- reaming</li> <li>- honing</li> </ul>  |
| <p><b>Materials:</b></p> <ul style="list-style-type: none"> <li>- high-alloyed steel</li> <li>- heat-treated steel</li> <li>- corrosion resistant steel</li> <li>- nitrided steel</li> <li>- tool steel</li> </ul> |

| SulFol LCD 850 / 1500 / 2200 / 3200  |
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| <p><b>Types of machining:</b></p> <ul style="list-style-type: none"> <li>- drilling</li> <li>- turning</li> <li>- milling</li> <li>- thread cutting</li> <li>- hobbing</li> <li>- to some extent reaming</li> </ul>                        |
| <p><b>Materials:</b></p> <ul style="list-style-type: none"> <li>- cast materials</li> <li>- machinable steel (easy and medium difficulty)</li> <li>- non-ferrous metals</li> <li>- aluminium alloys</li> <li>- magnesium alloys</li> </ul> |



Human Technology  
for man, environment  
and machines

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**oelheld**<sup>®</sup>  
innovative fluid technology