

## SERMAS LUBRICANTS SERMACUT® HIGH-PERFORMANCE SAWING



SERMAS INDUSTRIE has developed a whole range of **consumables dedicated to the aluminium industry** to meet highest technical requirements of its customers.

All our lubricants for MQL technology (micro-spraying) are elaborated to offer **optimized consumption, high performance and clean surface finish** of the products to be cut.

Combining with use of lubrication system SERMALUBE®, you will rise **profitability of your sawing process**.



### BENEFITS



#### SAVINGS

up to **-40%**  
consumption\*



#### PERFORMANCE

up to **+50%**  
productivity\*



#### LONGEVITY

up to **+20%**  
tool lifetime\*

### RANGE OF PRODUCTS

REFERENCE	MAIN CHARACTERISTICS	SERMAS RECOMMENDATION FOR APPLICATION
<b>NEW!</b> SERMACUT® 20-G (band-sawing)	<ul style="list-style-type: none"> <li>Viscosity 20 mm<sup>2</sup>/s</li> <li>Flash point 160°C (320°F)</li> <li>Pour point 4°C (39°F)</li> </ul>	<ul style="list-style-type: none"> <li>Polyvalent sawing lubricant for standard to heavy-duty production</li> <li>Developed to obtain no traces after galvanization</li> <li>Requires no degreasing after sawing</li> </ul>
<b>NEW!</b> SERMACUT® 41 (band & disk sawing)	<ul style="list-style-type: none"> <li>Viscosity 41 mm<sup>2</sup>/s</li> <li>Flash point 150°C (302°F)</li> <li>Pour point 0°C (32°F)</li> </ul>	<ul style="list-style-type: none"> <li>Top-quality lubricant suitable for polyvalent use</li> <li>Adapted for circular sawing and band sawing</li> <li>Optimized consumption (reduction of cost/m<sup>2</sup> [sq.m] cut)</li> </ul>
SERMACUT® 20 (band-sawing)	<ul style="list-style-type: none"> <li>Viscosity 23 mm<sup>2</sup>/s</li> <li>Flash point 175°C (347°F)</li> <li>Cooling point -24°C (-11°F)</li> </ul>	<ul style="list-style-type: none"> <li>Top-quality lubricant specially developed for high-speed sawing of aluminium</li> <li>Recommended for intensive productions (high-productivity)</li> <li>Adapted for slicing of large-section products [plate production]</li> <li>Low consumption even at low temperature down to -10°C (14°F)</li> <li>Requires no degreasing after sawing</li> </ul>
SERMACUT® 19 (band-sawing)	<ul style="list-style-type: none"> <li>Viscosity 19 mm<sup>2</sup>/s</li> <li>Flash point 180°C (356°F)</li> <li>Pour point -40°C (-18°F)</li> </ul>	<ul style="list-style-type: none"> <li>Developed for low-temperature storage and sawing (cold countries)</li> <li>Suitable for high-speed cutting of aluminium and non-ferrous products</li> <li>Low consumption</li> </ul>
SERMACUT® 37-M (band & disk sawing)	<ul style="list-style-type: none"> <li>Viscosity 37 mm<sup>2</sup>/s</li> <li>Flash point 310°C (590°F)</li> <li>Pour point -15°C (5°F)</li> </ul>	<ul style="list-style-type: none"> <li>High-efficiency polyvalent lubricant suitable for milling, band and disk-sawing</li> <li>Adapted for sawing of aluminium and non-ferrous products</li> <li>Recommended for sawing of hot products [up to 150°C (302°F)]</li> </ul>

\* On-site experienced figures during production tests supervised by our Sermas expert with use of Sermas blades and lubricants.