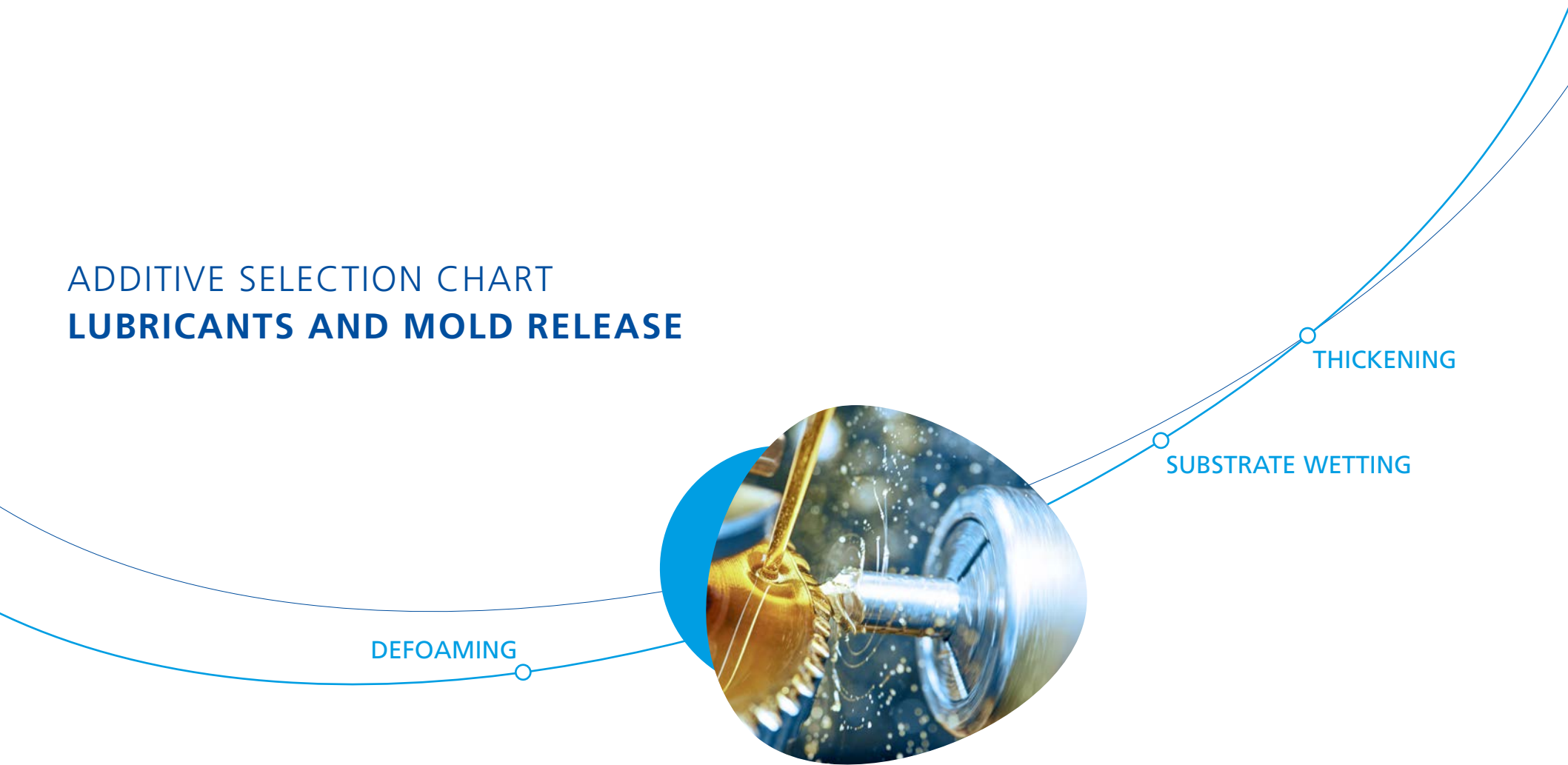


# ADDITIVE SELECTION CHART LUBRICANTS AND MOLD RELEASE





## Oil-based lubricants and metalworking fluids

Defoaming	Substrate wetting	Anti-settling and thickening	Dispersion and stabilization of solid particles
<p><b>Silicone:</b>            BYK-9730 ●            BYK-9732 ●            BYK-088 ○</p> <p><b>Silicone-free:</b>            BYK-9731 ●</p>	BYK-310 ● BYK-333 ● BYK-307 ○	CLAYTONE-40 ● CLAYTONE-VP V ● GARAMITE-1958 ○ RHEOBYK-7410 ET ○	BYK-P 105 ● DISPERBYK-110 ● DISPERBYK-2157 ● ANTI-TERRA-U 100 ○ BYK-9076 ○ BYK-9077 ○

● First recommendation   ○ Second recommendation

## Water-based lubricants and metalworking fluids

Defoaming	Substrate wetting	Anti-settling and thickening	Dispersion and stabilization of solid particles
BYK-044 ● BYK-1799 ● BYK-028 ○ BYK-094 ○	<p><b>Silicone:</b>            BYK-348 ●            BYK-349 ●            BYK-3450 ●            BYK-346 ○</p> <p><b>Silicone-free:</b>            BYK-DYNWET 800 ●            BYK-3410 ○</p>	LAPONITE-RD ● RHEOBYK-7420 CA ● OPTIGEL-CK ○ OPTIGEL-WX ○	<p><b>Graphite, MoS<sub>2</sub>:</b>            DISPERBYK-2012 ●            DISPERBYK-2015 ●</p> <p><b>PTFE:</b>            DISPERBYK-2061 ●            DISPERBYK-2062 ●</p> <p><b>Other solids:</b>            DISPERBYK-184 ●            DISPERBYK-190 ●</p>

● First recommendation   ○ Second recommendation



## Dry-film lubricants, anti-friction coatings

### Substrate wetting

BYK-348 ●  
BYK-347 ○

### Adjustment of friction and slip properties

AQUACER 531 ●  
AQUACER 597 ●  
HORDAMER PE 03 ●  
AQUACER 565 ○  
AQUACER 1096 N ○

● First recommendation   ○ Second recommendation

## Galvanic, metal cleaners

### Defoaming

**Silicone-free:**  
BYK-012 ●  
BYK-1640 ○

**Mineral oil:**  
BYK-037 ●

### Substrate wetting

**Silicone-free:**  
BYK-DYNWET 800 ●

● First recommendation   ○ Second recommendation

## Greases

### Thickening

CLAYTONE-40 ●  
CLAYTONE-VP V ●  
CLAYTONE-APA ○  
CLAYTONE-HY ○

#### PFPE base oils:

CERAFLOUR 981 R ●  
CERAFLOUR 998 R ●

● First recommendation   ○ Second recommendation

## Metal die casting

### Substrate wetting

BYK-3450 ●  
BYK-3451 ●

### Release properties

AQUACER 597 ●  
AQUACER 1040 ●  
HORDAMER PE 02 ●  
HORDAMER PE 03 ●  
AQUACER 1041 ○  
AQUACER 3500 ○  
HORDAMER PE 34 ○

● First recommendation   ○ Second recommendation

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This issue replaces all previous versions.

