Additive Selection Chart MF-AG 1

Lubricants and Greases

March 2021

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Detailed information about our additives and sample orders can be found at:

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## Lubricants and Greases

### Oil-based Lubricants and Metalworking Fluids

**Defoaming** | **Substrate Wetting** | **Anti-settling and Thickening** | **Dispersion and Stabilization of Solid Particles**
--- | --- | --- | ---
API I-II: | BYK-310 | CLAYTONE-40 | BYK-P 105
BYK-088 | BYK-333 | CLAYTONE-VP V | DISPERBYK-110
BYK-081 | BYK-307 | GARAMITE-1958 | DISPERBYK-2157
| API IV: | | RHEOBYK-7410 ET | ANTI-TERRA-U 100
BYK-088 | | | BYK-9076
BYK-081 | Napthenic oils: | | BYK-9077
BYK-088 | **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-348 | LAPONITE-RD | Graphite, MoS2:
BYK-1799 | BYK-349 | RHEOBYK-7420 ES | DISPERBYK-2012
BYK-028 | BYK-3450 | OPTIGEL-CK | DISPERBYK-2015
BYK-094 | BYK-346 | OPTIGEL-WX | PTFE:
| Silicone-free: | | | DISPERBYK-2061
BYK-DYNWET 800 | | | DISPERBYK-2062
BYK-3410 | | | Other solids:
| **First recommendation** | **Second recommendation** |

### Dry-film Lubricants, Anti-Friction Coatings

**Substrate Wetting** | **Adjustment of Friction and Slip Properties**
--- | ---
BYK-348 | AQUACER 531
BYK-347 | AQUACER 597
| AQUACER 585 | AQUACER 1096 N
| HORDAMER PE 03 | **First recommendation**
| **Second recommendation** |

### Greases

**Thickening**

CLAYTONE-40
CLAYTONE-VP V
CLAYTONE-HY
CLAYTONE-APA
PFPE base oils:
CERAFLOUR 981 R
CERAFLOUR 998 R
| **First recommendation** | **Second recommendation** |
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