

Metals & CHEMISTRY

METAL-BASED CHEMISTRY AND
FUNCTIONAL ADDITIVES

Wide range of metals

Bismuth	Molybdenum
Boron	Titanium
Iron	Vanadium
Manganese	Zinc

Broad capabilities allow us to deliver functionalized molecules and metals as solutions or organic-soluble carboxylate salts.



Scale-up & MANUFACTURING

Optimize processes for your new products with efficient transitions from our pilot plant to full-scale production through product delivery.

Manufacturing sites:
Norwood, OH USA
Middletown, OH USA
Mirecourt, FR



Custom CO-DEVELOPMENT

90% OF OUR LUBRICANT ADDITIVES
HAVE BEEN CUSTOM CO-DEVELOPED

And are manufactured for
proprietary applications around the
globe

Customize the molecule to make it yours.
Vary:

- Metal concentration
- Diluents
- Base oil
- Ligands

Tackle manufacturing challenges:

- Regulatory or supply chain changes or restrictions
- New ingredients for advanced product performance
- New technology for emerging markets and trends
- Improved sustainability



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