Shepherd CREATING VALUE THAT BRIGHTENS LIVES

Lubricant Additives



- **Higher Efficiency**
- **Environmental Responsibility**
- **High-Tech Performance**

Shepherd Chemical delivers advanced metal-based additive solutions that enable anti-wear protection, extreme pressure performance, & sludge control — even in sustainable formulations.

Performance

Extreme Pressure (EP) & Anti-Wear (AW) Performance	High Temperature Stability	Traditional & Sustainable Base Stocks	Custom Additive Development

Key Metal Chemistries

BiLUBE® 8109

BiLUBE® 8211

Bismuth Neodecanoate 20%



Partnerships that Drive Impact

- Mid-to-large lubricant formulators
  - automotive
  - industrial
  - aerospace
  - energy
  - marine
- Companies seeking differentiation via custom chemistry
- Brands moving toward sustainability-focused additives
- Technical teams open to co-development

>90%

of our lubricant additives have been **CUSTOM CO-DEVELOPED** with our partners. Our technical teams collaborate to meet precise performance targets and ensure supply reliability at scale.

Customize the molecule to make it yours by varying:

- Functional group
- Metal concentration
- Diluents
- Base oil
- Ligands
- Metal constituent
  - Bismuth
  - Boron
  - Iron
  - Manganese
  - Molybdenum
  - Titanium
  - Vanadium
  - Zinc

Your next breakthrough formulation starts here!

CONTACT US

WWW.SHEPCHEM.COM