



LMWF

Line Card



Innovation
through
formulation

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Manufacturers You Trust



ADM



Arkema



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BYK CHEMIE



Cabot



Cathay Industrial Biotech



Hornett Bros



Huntsman



Indorama



Inovyn



Momentive



Syensqo



Zschimmer & Schwarz

ZSCHIMMER & SCHWARZ

Other Strategic Partners



Performance Products

Additive Components

- Antioxidants (aminic, phenolic, phosphite & blends)
- Corrosion inhibitors (oil soluble & water soluble)
- Extreme pressure / antiwear additives
- Friction modifiers
- Metal deactivators (oil soluble & water soluble)
- Polyisobutylene (PIBs)
- Pour point depressants
- Tackifiers
- Viscosity modifiers

Additive Packages

- AW hydraulic oil
- Compressor oil
- Food grade
- Gear oil
- Paper machine oil
- R&O oil
- Turbine oil

Amines

- ADEG
- DGA®
- Jeffamine®-Polyether Amines
- JEFFADD™ MW Series
- Morpholine
- Primary, secondary and tertiary amines
- BEOA
- DCHA
- DIPOA, MIPOA, TIPOA
- MDEA
- MOPA

Biocides

- Densil™
- Grotan/Mergal™
- Phenols
- Polyphase/Troyshield™
- Proxel™
- Reputain™
- Sodium Omadine
- Triadine™
- Troykyd
- Troysan

Corrosion Inhibitors

- Alkyl phosphate esters
- Polycarboxylic acid

Ester Basestocks

- Adipate esters
- Diesters
- Dimer esters
- Methyl esters
- Oleate esters
- Polyol esters
- Trimellitates

Extreme Pressure Additives

- Chlorinated paraffins & waxes
- Chlorine replacements
- Light colored sulfur
- Phosphate esters
- Sulfurized fatty acid esters

Fatty Acids

- Caprylic
- Dodecanedioic
- Isononanoic acid
- Mixed dicarboxylic
- Oleic
- Sebacic acid
- Tricarboxylic
- Undecanedioic

Foam Control

- Non-ionic surfactants
- Non-silicone
- Silicone
- Waxes

Food Grade Products (NSF/FDA)

- Additives
- Base stocks
- Tackifiers

Lubricity Additives

- EO/PO block co-polymers
- Lard oils
- Methyl esters
- Polymeric esters
- Self-emulsifying esters
- Vegetable oils

Lubricant Basestocks

- Petroleum oils
- Group I
- Group II
- Group III
- White oils
- Polyalkylene glycols
- Concentrates
- Oil soluble
- Thickeners
- Water insoluble
- Water soluble
- Silicone fluids
- Vegetable oils
- Canola oil
- High oleic canola oil
- High oleic soy bean oil
- High oleic sunflower oil
- Soy bean oil
- 76 coconut oil
- #1 castor oil

Rheological Components for Grease & Metal Working

- Defoamers
- Dispersants
- Organoclay thickeners
- Suspension additives
- Waxes
- PTFE



Surfactants and Emulsifiers

- Ethoxylated castor oil
- Ethoxylated tallow amines
- Ethoxylated alcohols
- Fatty acid amides
- Fatty acid ethoxylates
- Glycerol monooleate
- Guerbet and oleyl alcohols
- Quaternary compounds
- Sorbitan monooleate
- Synthetic sodium sulfonates
- Tallow alcohol propoxylate

Sustainable

- Esters base stocks
- Lubricant base stocks
- Emulsifiers and surfactants
- Additive components

The competitive advantage

Azelis is a leading innovation service provider for specialty chemicals and food ingredients present in over 65 countries across the globe with around 4,200 employees. Our in-depth local knowledge is supported by an international structure and value-added services including high levels of technical support and tailored solutions.

Our experienced technical sales staff is always available to offer the latest technical support for our extensive product line.



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For additional information about our extensive product lines visit AzelisLMF-US.com

Azelis LMWF
100 Leominster Road, Suite 202
Sterling, MA 01564
800 235 0957



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