

REACH THE
TOP OF YOUR
PRODUCTIVITY!





ABOUT US

KOMAD high performance additives are manufactured and distributed by Hungary-based MOL-LUB Ltd., a member of MOL Group, one of the biggest oil and gas companies in Central-Eastern Europe.

As a wholly-owned subsidiary of MOL Group, MOL-LUB Ltd. is a key player in lubricant production in the CEE region and is the market leader of quality branded automotive and industrial products in Hungary, Slovakia and Croatia.

Its production is certified as carbon neutral. The company has started to renew its processes in order to reduce its carbon footprint of its production, and that it successfully offset the remaining emissions with green projects.

The company has also been producing and selling a dedicated range of additives under the brand name KOMAD since 1989. Its flagship additive, the **Aluminium complex lubricating grease thickener**, holds a leading position in the European market and the 3rd position globally.

LUBRICATING GREASE THICKENER



KOMAD 8430

PRODUCT DESCRIPTION, USE

Poly-oxo-aluminium-stearate polymer dissolved in naphthenic base oil fraction.

BENEFITS

- Quick and simple grease production process: only three ingredients, base oil, benzoic acid and KOMAD thickener are needed. Component ratios can be determined by base oil properties and target NLGI grade.
- No alcohol release during grease cooking process. No need for special ventilation and /or alcohol condensation system.
- Not harmful to environment.
- Easily reproducible grease quality.
- May not need pre-heating - depending on external temperature.

LUBRICATING GREASE THICKENER



KOMAD 8426

PRODUCT DESCRIPTION, USE

Poly-oxo-aluminium-stearate polymer dissolved in synthetic base oil solvent (poly-alpha-olefin).

CERTIFICATES AND APPROVALS

KOSHER, HALAL, Product meets NSF HX-1 requirements (registration nr. #160584).

BENEFITS

- Quick and simple grease production process: only three ingredients, base oil, benzoic acid and KOMAD thickener are needed. Component ratios can be determined by base oil properties and target NLGI grade.
- Not harmful to environment.
- No alcohol release during grease cooking process. No need for special ventilation and /or alcohol condensation system.
- Easily reproducible grease quality.

LUBRICATING GREASE THICKENER



KOMAD 8418 VO

PRODUCT DESCRIPTION, USE

Poly-oxo-aluminium-stearate polymer dissolved in pharmaceutical white mineral oil fraction. The product contains vegetable stearic acid only.

CERTIFICATES AND APPROVALS

KOSHER, HALAL, Product meets NSF HX-1 requirements (registration nr. #152927).

BENEFITS

- Quick and simple grease production process: only three ingredients, base oil, benzoic acid and KOMAD thickener are needed. Component ratios can be determined by base oil properties and target NLGI grade.
- No alcohol release during grease cooking process. No need for special ventilation and /or alcohol condensation system.
- Not harmful to environment.
- Easily reproducible grease quality.

LUBRICATING GREASE THICKENER



KOMAD 8418

PRODUCT DESCRIPTION, USE

Poly-oxo-aluminium-stearate polymer dissolved in pharmaceutical white mineral oil fraction.

CERTIFICATES AND APPROVALS

Product meets NSF HX-1 requirements (registration nr. #144974).

BENEFITS

- Quick and simple grease production process: only three ingredients, base oil, benzoic acid and KOMAD thickener are needed. Component ratios can be determined by base oil properties and target NLGI grade.
- No alcohol release during grease cooking process. No need for special ventilation and /or alcohol condensation system.
- Not harmful to environment.
- Easily reproducible grease quality.

LUBRICATING GREASE THICKENER



KOMAD 8400

PRODUCT DESCRIPTION, USE

Poly-oxo-aluminium-stearate polymer dissolved in solvent-refined mineral oil fraction.

BENEFITS

- Quick and simple grease production process: only three ingredients, base oil, benzoic acid and KOMAD thickener are needed. Component ratios can be determined by base oil properties and target NLGI grade.
- Not harmful to environment.
- No alcohol release during grease cooking process. No need for special ventilation and /or alcohol condensation system.
- Easily reproducible grease quality.

EMULSIFIER



KOMAD 311

PRODUCT DESCRIPTION, USE

Alkanolamine derivative of polyisobutenyl-succinic-anhydride (PIBSA).

BENEFITS

- Burns without forming toxic halogen-substances. Non-corrosive.
- Burns without forming ash and deposits. Ensures longer lifetime for exhaust gas treatment systems.
- Forms stable emulsions.

EMULSIFIER



KOMAD 311 E

PRODUCT DESCRIPTION, USE

Alkanolamine derivative of polyisobutenyl-succinic-anhydride (PIBSA). Properly adjusted active ingredient content to reach lower viscosity & better pumpability at room temperature. Available also in IBC container.

BENEFITS

- Burns without forming toxic halogen-substances. Non-corrosive.
- Burns without forming ash and deposits. Ensures longer lifetime for exhaust gas treatment systems.
- Forms stable emulsions.

PIBSA INTERMEDIATE



KOMAD 304

PRODUCT DESCRIPTION, USE

Polyisobutenyl-succinic-anhydride type intermediate, derived from highly reactive polyisobutylene (MW1000) with chlorine-free production process. It is an ideal intermediate for high selectivity chemical syntheses.

BENEFITS

- Burns without forming toxic halogen-substances. Non-corrosive.
- Burns without forming ash and deposits. Ensures longer lifetime for exhaust gas treatment systems.
- Ideal raw material for high selectivity reactions.

DISPERSANT



KOMAD 309A

PRODUCT DESCRIPTION, USE

Polyisobutenyl-mono-bis-succinimide type ashless dispersant additive in mineral oil raffinate solvent.

BENEFITS

- Burns without forming toxic halogen-substances. Non-corrosive.
- Burns without forming ash and deposits. Ensures longer lifetime for exhaust gas treatment systems.
- Prohibits aggregation and segregation of contaminants, formation of deposits.

DISPERSANT



KOMAD 313

PRODUCT DESCRIPTION, USE

Diluted in Group III mineral oil, KOMAD 313 is a heavy PIB based ashless high-temperature dispersant, developed for petrochemicals industry as antifouling agent (fouling inhibitor).

BENEFITS

- Ashless
- Halogen-free
- Inhibites fouling effectively
- Can be combined with coke inhibitors

DISPERSANT



KOMAD 301

PRODUCT DESCRIPTION, USE

Polyisobutenyl-bis-succinimide type ashless dispersant additive in mineral oil raffinate solvent.

BENEFITS

- Burns without forming toxic halogen-substances. Non-corrosive.
- Burns without forming ash and deposits. Ensures longer lifetime for exhaust gas treatment systems.
- Prohibits aggregation and segregation of contaminants, formation of deposits.

DISPERSANT



KOMAD 303

PRODUCT DESCRIPTION, USE

Polyisobutenyl-mono-succinimide type ashless dispersant additive in mineral oil raffinate solvent.

BENEFITS

- Burns without forming toxic halogen-substances. Non-corrosive.
- Burns without forming ash and deposits. Ensures longer lifetime for exhaust gas treatment systems.
- Prohibits aggregation and segregation of contaminants, formation of deposits.



QUALITY MANAGEMENT COMMITTED TO QUALITY

At MOL-LUB, all employees know, understand and implement our quality policy in their day to day operations. Our goal is to provide our customers with valuable products and services that meet and even exceed their expectations. We are committed to continuous improvement of our products and services and the development of our Quality Management System, which provides a framework for measuring and improving our products and performance.

The following integrated Management Systems and procedures are in place to support our aim of total customer satisfaction and continuous improvement:

- Quality (ISO 9001:2015)
- Environmental (ISO 14001:2015)
- Energy - (ISO 50001:2018)
- Occupational Health and Safety (ISO 45001:2018)
- Laboratory (NAH) • QualityControl (NAH) • Halal • Kosher
- NSF KOMAD 8418 • NSF KOMAD 8418 VO • NSF KOMAD 8426



CONTRACT MANUFACTURING SERVICES

PRODUCTION TAILOR-MADE FOR CUSTOMER NEEDS

MOL-LUB Ltd. has a long history and large production experience with a diverse portfolio of lubricants and certain additives. We have a proven track record of successful cooperation with several large European players.

With the manufacturing services we offer, we provide an end-to-end solution as a third-party manufacturer for our partners:

- on-demand raw material purchase, transfer and storage,
- technology alignment,
- fully guided manufacturing process including quality control services,
- byproduct and waste management,
- private label and packaging services,
- organizing product transfer.

Following strict non-disclosure agreements in order to keep intellectual property safe, our flexible assets are available for contract manufacturing services up to their available capacity, typically for maleic acid anhydride-based chemistry and surfactant synthesis, but capabilities go beyond that.

Additionally, this service is not limited to additives only, toll production of lubricating oils (automotive and industrial), lubricating greases (Lithium-, Calcium- or Aluminum-based), metalworking fluids and autochemicals are also available on demand.

Contact us in case you are interested in a cost-effective outsourcing solution.



LUBRICANTS
MEMBER OF MOL GROUP

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