

PRE-MIXED, NEVER POWDER**PATENT PENDING****MADE IN THE USA****PRODUCT DESCRIPTION**

A graphene additive for gear oils, pre-mixed in an oil-based carrier for heavily loaded gear contacts. Graphene is supplied pre-mixed in a liquid carrier, never as a dry powder.

WHAT IT'S FOR

Industrial and automotive gear oils, where meshing teeth run under high contact pressure. Blend into the finished gear oil and test against your baseline.

Typical uses: Differentials, gearboxes, industrial gear drives, transmissions and final drives.

CARRIER

Oil-based: graphene integrated into oleic acid and monomer. Other base oils on request.

DOSING

1% to 7% by weight, depending on the job. Ask us for a suggested starting treat rate for your trial.

HOW TO USE

1. Shake the container well before measuring.
2. Weigh the additive at the dose for your job (1% to 7% by weight).
3. Blend into the finished gear oil or transmission lubricant.
4. Test against your baseline before production use.

TESTED PERFORMANCE

Up to 42% less wear and 26% higher weld load for our graphene lubricant additive, in independent testing at Univar's Houston lab.

Results in a specific lubricant depend on the base oil and additive package, so test in your own formulation against your baseline.

PACK SIZES

SKU	Size
GI-GOA-32OZ	32 fl oz bottle
GI-GOA-1GAL	1 gal jug
GI-GOA-5GAL	5 gal pail

Bulk quantities on request.

STORAGE AND HANDLING

- Keep the container tightly closed until use.

- Shake or stir well before measuring.
- Avoid contact with eyes and skin. Keep out of reach of children.
- See the Safety Data Sheet (SDS) for full safety information.

ORIGIN AND COMPLIANCE

- Patent pending.
- Made in the USA by Graphene Integrations, LLC, Charlotte, NC.
- Contains no carbon black.

Questions, samples or a quote? Graphene Integrations, LLC · Charlotte, NC, USA ·
frans@grapheneintegrations.com · +1 (704) 659-3682 · grapheneintegrations.com · Buy:
<https://grapheneintegrations.com/store/graphene-gear-oil-additive>

The information in this data sheet is believed to be accurate as of October 23, 2026. Results vary with formulation, materials, dose and process; users should test and confirm suitability for their own application. This data sheet does not replace the Safety Data Sheet.
Graphene Integrations, LLC · TDS rev. October 23, 2026.