

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

A graphene additive for hydraulic fluids, pre-mixed in an oil-based carrier for pumps, valves and cylinders. Graphene is supplied pre-mixed in a liquid carrier, never as a dry powder.

WHAT IT'S FOR

Mineral-oil hydraulic fluids in mobile and industrial equipment. Blend into the fluid and test against your baseline in your system.

Typical uses: Mobile and industrial hydraulic systems: construction, agricultural and manufacturing equipment.

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 hydraulic fluid.
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-HYD-1GAL	1 gal jug
GI-HYD-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-hydraulic-fluid-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.