Acheson Colloids Company
1600 Washington Avenue
Port Huron, MI 48060
Tel: 1-810-984-5581
Fax: 1-810-984-1446
www.achesonindustries.com

GP-460

Graphite Anti-Seize Lubricant

PRODUCT DATA SHEET

Description:

GP-460 is an anti-seize lubricant containing high purity graphite in petrolatum. This material is designed to provide long-lasting service over a wide temperature range. It withstands extreme pressure, carries high loads, and reduces friction, galling, and seizing. **GP-460** meets the requirements of General Electric specification A50TF201 and military specification MIL-T-5544.

Typical Applications:

- Anti-seize lubrication in refinery, chemical, industrial, and steam-generated plants
- Anti-seize lubrication in salt-laden areas
- Anti-seize lubricant for high temperature service on aircraft engine spark plugs, threaded fasteners and fittings

Examples:				
	Splines	Bolts	Bushings	Tractor Links
	Couplings	Gears	Seals	Drag Lines
	Flanges	Bending	Press Fits	Valve Stems
	Studs	Plugs	Coining	Cold Extrusion
	Tappings	Bearings	Wire Drawing	Adjusting Screws

Physical Properties: (as supplied)

Lubricating pigment	: graphite
Carrier	: petrolatum
Consistency	: paste
Solids content	: 50%
Density	: 10.8 lb/gal (1.29 kg/l)
Flash point	: 400°F (200°C) minimum
Operating temperature	: 1000°F (538°C) maximum
Shelf life	: 2 years from date of qualification under original seal.

Method of Use:

GP-460 is supplied ready for use. Apply by brush, swab, or hand grease gun. It is not intended to be used in pressurized lubrication systems due to high solids content.

Companion Products:

Acheson Colloids carries a full line of anti-seize lubricant products (GP-400 series and Dag® products).

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guaranty of their accuracy is made. In every case, we urge and recommend that purchasers, before using any product in full scale production, make their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions. THE PRODUCTS DISCLOSED HEREIN ARE SOLD WITHOUT ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED. No representative of ours has any authority to waive or change the foregoing provisions but, subject to such provisions, our engineers are available to assist purchasers in adapting our products to their needs and to the circumstances prevailing in their business. Nothing contained herein shall be construed to imply the non-existence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of this patent. We also expect purchasers to use our products in accordance with the guiding principles of the American Chemistry Council® program.

Precautions:	Harmful if swallowed. May cause eye irritation. Wash thoroughly after handling. Keep container tightly closed when not in use to avoid contamination. (See Acheson Material Safety Data Sheet for proper first aid instructions.)
APPLICATION ASSISTANCE	Acheson's **Application Specialists** are available to assist you in production start-up with **GP-460**. For more information, contact Acheson Colloids Company, (800) 255-1908, or visit our website at www.achesonindustries.com for the Acheson global location nearest you.
HEALTH & SAFETY	Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Keep container tightly closed when not in use. Use with adequate ventilation. Avoid breathing vapor. See Acheson's Material Safety Data Sheet for proper first aid instructions.
Note:	Dag is a registered trademark of Acheson Industries, Inc.