



DUALCO • 8404 Braniff, Houston, Texas 77061
 713-644-1164 • FAX 713-644-7761
 www.dualco-inc.com
 E-Mail: dualco@dualco-inc.com

All Rights Reserved. © Copyright 2020 DUALCO Inc.



Environmentally
 Friendly & Non-Toxic.
 Engineered & Made in the U.S.A.

Product Specification Sheet

General Purpose Heavy Lubricant / Sealant

General Purpose Heavy (GPH) This combination heavy lubricant and sealant is suitable for plug, ball and gate valves. GPH is off-white/amber in color and has a temperature range of 0° to + 450°. DUALCO GPH meets **U.S. Government Spec. SAE – AMS – G 6032 “Grease, Plug Valve, Gasoline & Oil Resistant.”** GPH is 100% synthetic, and is made with very heavy oils. GPH is designed for use in valves controlling the flow of natural gas, crude oil, gasoline, jet fuel, lubricating oils or mixtures of these products. It is water resistant and has excellent lubrication properties. GPH is inhibited for H2S and CO2 applications and is resistant to organic acids and caustic solutions.

Although it contains an excellent antioxidant, **DO NOT** use in oxygen service. For Industrial Use Only.

Packaging

• Available in industry standard packaging. If ordering 5 gallon containers, the containers may weigh 45 pounds gross each because this is a very dense material. Also the sixteen and the fifty-five gallon containers may be heavier than normal. See Ordering Information.

Physical Properties

- NLGI Consistency Number 4
 - Color: Off-white/Amber
 - Odor: Mild to Neutral
 - Service Life: Extended
 - Texture: Smooth
 - Dropping Point: D-566, none
 - Cone Penetration: D-217 250-300
 - Oil Separation: D-1742, none
 - Rust Prevention: D-1743, rating – Pass
 - Diester Type EP (Extreme Pressure Resistant) Additive
 - Soxhlet Extraction (condensate) – 24 hours in Condensate: less than 12%
 - Fuel Solubility (FTM-5414) – 2.1%
 - Inert Chemicals – Inorganic Thickeners Additives
 - Temperature Range: 0° to 450° F in non-oxidation tests
 - Base Oils: Proprietary Synthetics, 100% Synthetic
- Note:** This Material **Does Not** Contain a Large Percentage of Amorphous Graphite.

Features

- High Metal Adhesion
- Water Insoluble and Washout Resistant
- Inhibited for H₂S (<1000 ppm) and CO₂ (<40%)
- Corrosion Inhibited / Fully additive treated with Imidazoline Derivative
- Suitable for use in all hydrocarbon services
- Contains no perfumes, dyes or heavy metals
- Non-Toxic, Non-Hazardous – Environmentally Friendly

Application Method

- Grease Gun or Automated Equipment (Air, Air/Hydraulic, Hydraulic or Manual)



Made in the USA

The information and the recommendations made in this data sheet are based upon collected data and believed by us to be correct. However, no guarantee or warranty of any kind, expressed or implied is made herein with respect to the merchandise described; and we assume no responsibility for the results or the use thereof.

ESTD 1960

