



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

Dag® 137

Graphite Lubricating Coating

DESCRIPTION	Dag 137 is specifically formulated to provide a superior lubricating and release film for high temperature applications. Its unique particle size and binder system combine to promote a tenacious graphite film for maximum protection against galling, soldering and seizing.	
ADVANTAGES	Specific advantages when using Dag 137 include: <ul style="list-style-type: none">• Complete wetting of hot metal substrates• Excellent coverage• Superior adhesion and abrasion resistance• Maximum release characteristics• Finer surface finishes in casting applications	
TYPICAL APPLICATIONS	Non-ferrous extrusion Ferrous, non-ferrous forging lubricant Aluminum permanent mold Low pressure casting Parting compound Chain lubricant Thread lubricant Hot zone bearing lubricant Anode stub coating Ingot casting	
TYPICAL PROPERTIES	Lubricating pigment	: graphite
	Solids content	: 22%
	Consistency	: soft paste
	Diluent	: water
	Density	: 9.5 lb/gal
	pH	: 8
	pH Tolerance	: 4-10
	Freeze data	: 32°F (0°C)
	Shelf life	: 6 months under original seal
	VOC	: 0.0 g/l

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APPLICATION
DETAILS

Dilution

Dag 137 is a concentrate and should be diluted with distilled, demineralized or soft water prior to use.

Mixing

The concentrate should be agitated prior to mixing. When mixing, slowly add water to the concentrate. Be sure to mix well throughout the water addition. The dilution ratio will vary depending on method of application and end use. The ratios typically vary between 1:4 (product:water) in extrusion applications to 1:25 (product:water) in permanent mold and parting compound uses.

Application

To achieve optimum film formation, the metal substrate should be heated to at least 200F (93°C). In most applications, the product should be spray applied. However, it can be swabbed, dipped, or brushed. The diluted material should be periodically agitated to ensure consistent results.

APPLICATION
ASSISTANCE

Acheson's **Application Specialists** are available to assist you in production start-up with **Dag 137**. For more information, please contact Acheson Colloids Company, (800) 255-1908, fax: (810) 984-1446, web.mail@nstarch.com, or visit our website at www.achesonindustries.com.

HEALTH & SAFETY

Use with adequate ventilation. Do not ingest. Wear protective gloves. Do not allow product to freeze. If frozen, product will appear granular, settle or lose effectiveness. Keep container closed when not in use. Empty containers may retain hazardous properties. Follow all MSDS/label warnings even after container is emptied. Follow all Acheson MSDS warnings for proper first aid instructions and further handling precautions.

NOTE

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