



Formerly Known As: Whitmore Drag Rope Lubricant HF

Shell Gadus (Drag Rope Lubricant HF)

Wire Rope Lubricant

- *TCLP-Safe*
- *Antiwear & EP*
- *Rust Protection*

Shell Gadus (Drag Rope Lubricant HF) is beneficial to ropes sheaves. It coats the external strands of wire ropes, then transfers to the sheave contact areas and protects both the rope and sheave. Rope life is extended, and sheave rebuild, and replacement costs are dramatically reduced. The same benefit applies to drum laggings.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

Features

Shell Gadus (Drag Rope Lubricant HF) is a blend of anti-wear additives in a heavy asphaltic base. The viscosity is reduced using a TCLP-SAFE non-chlorinated solvent. After application to the rope, the solvent dries, and a durable coating is formed on both rope and sheave.

In dig and dump cycles on certain draglines, the sheave can rotate momentarily in the opposite direction to the travel of the rope. Shell Gadus (Drag Rope Lubricant HF) forms a coating that is dense enough to prevent sliding abrasion that can shorten the life of components caused during this process.

Shell Gadus (Drag Rope Lubricant HF) penetrates the rope, but it does not reach the inner strands and does not dilute the grease that was installed by the original equipment manufacturer.

Benefits

- **TCLP-SAFE** - passes EPA Toxicity Characteristic Leaching Procedure, which reduces disposal costs.
- **EXCELLENT ANTIWEAR AND EP CAPABILITY** - greatly extends the life of ropes and sheaves.
- **RUST PROTECTION** - selected additives protect against rust and corrosion formation.
- **NON-CHLORINATED FORMULATION** - no ozone depleting chemicals.

Specifications, Approvals & Recommendations

For a full listing of equipment approvals and recommendations, please consult your local Shell & Whitmore Reliability Solutions Helpdesk.

Main Applications



Shell Gadus (Drag Rope Lubricant HF) can be used to extend the life of any wire rope including Hoist and Drag ropes on Draglines, and ropes used on Cranes and Mining Shovels.

Easily applied by automatic or manual systems. Shell Gadus (Drag Rope Lubricant HF) dries quickly to a tack-free finish.

Typical Physical Characteristics

Properties			Method	Shell Gadus (Drag Rope Lubricant HF)
Base Oil Viscosity, Finished Product	@ 40°C	cSt	ASTM D445	1.736
	@ 100°C	cSt		60
Density Specific Gravity	@ 60°F (15.5°C)	lb/gal g/cc	Gardner Method	8.100 0.9736
Flash Point		°F (°C)	ASTM D93	220 (104)
Four Ball Weld EP, Weld Point		kg	ASTM D2596	250
Rust Test, Distilled Water			ASTM D665	Pass

These characteristics are typical of current production. Whilst future production will conform to Shell & Whitmore Reliability Solutions specification, variations in these characteristics may occur.

Health, Safety & Environment

■ Health and Safety

Shell Gadus (Drag Rope Lubricant HF) is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from <http://www.epc.shell.com/>

■ Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil, or water.

Additional Information

■ Advice

Advice on applications not covered here may be obtained from your Shell & Whitmore Reliability Solutions representative.