



Formerly Known As: Whitmore® Wire Rope Lubricant

Shell Gadus (Wire Rope Lubricant)

Wire Rope & Chain Lubricant

- *Prolongs Rope Life*
- *Non-Tacky*
- *Extreme Load-Carrying*

Wire ropes contain numerous moving parts which require lubrication. Each time the rope bends or flexes, the internal strands rub together. Shell Gadus (Wire Rope Lubricant) coats these strands to prevent friction and wear. This results in longer wire rope life, less downtime for rope changes and more production.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

Features

Shell Gadus (Wire Rope Lubricant) quickly penetrates to the core. This ensures that the rope is lubricated throughout while providing a nondrying, non-tacky film on the outside of the rope which protects outer strands from corrosion as well as lubricating the wire rope drums and sheaves.

Shell Gadus (Wire Rope Lubricant) is easily pumpable at temperatures down to -25°F (-35°C). Its nondrying film remains flexible in the most extreme weather conditions which eliminates flaking and peeling.

Benefits

- **PROLONGS WIRE ROPE LIFE** - readily penetrates to the core and lubricates internal strands.
- **NONTACKY** - eliminates dirt pick-up and lubricant sling-off.
- **EXTREME LOAD-CARRYING ABILITY** - extends wire rope life and minimizes downtime.

Main Applications



Shell Gadus (Wire Rope Lubricant) can be used to lubricate all sizes of wire rope as well as chains, leaf springs and other applications where a penetrating oil is needed. It may also be applied by hand or automatic lubrication system.

RECOMMENDED APPLICATION RATES:

Drip System: **First Week** - 3 drops per minute per inch diameter rope. **Second Week and Thereafter** - 1 drop per minute per inch diameter rope.

Spray System: Every 15 minutes for 30 seconds (on payout only).

Specifications, Approvals & Recommendations

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

Typical Physical Characteristics

Properties			Method	Shell Gadus (Wire Rope Lubricant)
Viscosity, Finished Product	@ 40°C	cSt	ASTM D445	22
	@ 100°C	cSt		4
Viscosity Index			ASTM D2270	25
Pour Point		°F (°C)	ASTM D97	-40 (-40)
Density	@ 60°F (15.5°C)	lb/gal	Gardner Method	7.58
Specific Gravity		g/cc		0.910
Flash Point Cleveland Open Cup		°F (°C)	ASTM D92	325 (163)
Fire Point Cleveland Open Cup		°F (°C)	ASTM D92	360 (183)
Four Ball Wear, Scar Width		mm	ASTM 4172	0.50
Rust Test Distilled Water Synthetic Sea Water			ASTM D665	Pass Pass
Copper Strip Corrosion	212°F (100°C) @ 3 hr		ASTM D130	1B

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 (Wire Rope Lubricant) 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.