



Formerly Known As: Whitmore® Whitcam® NH Summer

Shell Gadus

(Whitcam NH Summer)

Non-Halide Monighan Cam Lubricant

- Adhesive and Cohesive
- Reduces Wear
- TCLP-Safe

Shell Gadus (WhitCam NH Summer) Monighan cam lubricant is specifically designed to satisfy the rigorous requirements of the Monighan cam walking mechanism.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

Features

The performance of this high technology lubricant has been proven in severe field service. Draglines walk without vibration, without chatter and with little wear. Field experience has verified that cams remain substantially cooler during long walks with Shell Gadus (WhitCam NH Summer). It eliminates the chattering, high friction and wear sometimes encountered on Monighan cam walking mechanisms.

Shell Gadus (WhitCam NH Summer) forms a tenacious lubricant coating on the metal surfaces which protects against wear. Shell Gadus (WhitCam NH) does not run off. It stays where it is needed most - on the cam. There is no mess or waste.

Shell Gadus (WhitCam NH Summer) is halide-free and meets the EPA Toxicity Characteristic Leaching Procedure (TCLP) and is characterized as TCLP-SAFE.

Benefits

- ADHESIVE AND COHESIVE - stays on the cam and reduces consumption.
- TENACIOUS LUBRICANT COATING - no vibration or chatter with extreme load-carrying ability.
- LUBRICATING SOLIDS - reduces wear and extends cam life.
- SAFE TO USE - meets Extraction Procedure Toxicity guidelines and the Toxicity Characteristic Leaching Procedure (TCLP). It is designated as TCLP-SAFE.

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 (Whitcam NH Summer) is designed to use in climates where winter conditions are mild. Typical locations include Australia, South Africa, Florida and the American Southwest.

Although Shell Gadus (Whitcam NH Summer) Monighan Cam Lubricant was designed for Monighan cams, it will also provide superior wear protection in other applications where low speeds and extreme loads are encountered.

Typical Physical Characteristics

Properties			Method	Shell Gadus (Whitcam NH Summer)
Worked Penetration - 60 strokes	@ 25°C		ASTM D217	340 - 360
Viscosity, Base Oil with Polymer	@ 40°C	cSt	ASTM D445	65,000
Density	@ 60°F (15.5 °C)	lb/gal	Gardner Method	9.65
Specific Gravity		g/cc		1.1575
Flash Point, Cleveland Open Cup		°F (°C)	ASTM D92	>400 (204)
Bour Ball EP, Weld Point		Kg	ASTM D2783	800 (Before Solvent)
Water Spray-Off		% Loss	ASTM D4049	<15
Rust Test			ASTM D1743	Pass
Low Temperature Pumpability Lincoln Ventmeter	@ 400 psi	°F (°C)	OEM Standard	30 (-1)
Thickener Type				Lithium

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 (Whitcam NH Summer) 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.