



Formerly Known As: Whitmore® Whitcam® Extreme Pumpable

# Shell Gadus

## (Whitcam Extreme Pumpable)

### Monighan Cam Lubricant

- Adhesive and Cohesive
- Visible Coating
- Anti-Wear

Shell Gadus (WhitCam Extreme Pumpable) takes cam lubrication to the next level.

#### DESIGNED TO MEET CHALLENGES

#### Performance, Features & Benefits

##### Features

Although it borrows some basic principles from earlier Monighan cam lubricants, Shell Gadus (WhitCam Extreme Pumpable) is an improved formulation. It includes graphite, increased molybdenum disulfide, and a new multi-component extreme pressure and anti-wear additive package. The chemical synergy created by this arrangement delivers a high level of wear protection, matching that of lead or antimony-based products.

Shell Gadus (WhitCam Extreme Pumpable) does not contain any solvents, heavy metals, or carbon black.

Shell Gadus (WhitCam Extreme Pumpable) raises the bar when it comes to stopping wear, overheating, and chatter. A dark colored dense lubricating coating is quickly formed, making it easy for the operator to determine when to re-apply. This prevents over-application and waste.

The performance of this high technology lubricant has been proven in severe field service.

##### Benefits

- ADHESIVE AND COHESIVE - stays on the cam and reduces consumption.
- VISIBLE LUBRICANT COATING - no vibration or chatter. Extreme load-carrying ability.
- ANTI-WEAR ADDITIVES – combine with solid lubricants and high viscosity base fluid to reduce wear and extend cam life.

#### 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 Extreme Pumpable) is suitable for use year-round on Monighan Cams.

Shell Gadus (WhitCam Extreme Pumpable) can be used on open gears and any very severely loaded, slow-moving, sliding, applications, such as bushings or slideways. Not suitable for use in rolling element bearings.

## Typical Physical Characteristics

Properties			Method	Shell Gadus (Whitcam Extreme Pumpable)
Worked Penetration - 60 strokes	@ 25°C		ASTM D217	325 - 350
Density	@ 60°F (15.5 °C)	lb/gal	Gardner Method	10.12
Specific Gravity		g/cc		1.198
Four Ball EP, Weld Point		kg	ASTM D2596	500
Water Spray-Off		% Loss	ASTM D4049	26.5
Rust Test			ASTM D1743	Pass
Lubricating Solids		%		25
Thickener				Inorganic

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 Extreme Pumpable) 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.