



Formerly Known As: **Shell Malleus DCX Grease**

Gadus S4 Walking Cam Grease

- Special Application
- Heavy Duty Protection

Advanced Cam and Slide Walking grease

Shell Gadus S4 Walking Cam Grease is a synthetic blend dragline walking mechanism grease suitable for year round operations. It is specifically designed to provide exceptional lubricant protection to the walking cam components. It also meets the requirements of the EPA Toxicity Characteristic Leaching Procedure (TCLP). Shell Gadus S4 Walking Cam Grease builds an adhesive, water resistant and highly lubricating coating on the cam which helps protect the equipment and reduce overall consumption. The extreme load carrying capabilities and the adhesiveness to the moving parts reduces vibration and chatter during extended walks. All this helps the components run cooler and last longer with an eye on environmental concerns.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- Excellent adhesiveness so it stays on the parts intended.
- Lubricating solids to reduce wear.
- Year round use as walking cam with exceptional EP properties.

Specifications, Approvals & Recommendations

- Meets Bucyrus requirements for Monighan Cam walking mechanism.

For additional questions regarding equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

Main Applications



- Monighan Cam walking mechanism.
- Sliding areas of low speed and extremely heavy loads.

Typical Physical Characteristics

Properties	Method	Shell Gadus S4 Walking Cam Grease 1
Color	Visual	Black
Appearance	Visual	Homogeneous
Penetration 1/10mm @25°C	IP 50 / ASTM D217	310-340
NLGI Number		1
Kinematic Viscosity (base oil) @40°C mm ² /s	IP 71 / ASTM D445	-
Flash Point °C	ASTM D93	Min 170
Dropping Point °C	IP 396	None
Four Ball EP Test : Weld Load Kg	ASTM D2596	Min 800
Application Range Ambient Temp °C		-10 to +40

These characteristics are typical of current production. While future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

- **Health and Safety**

Shell Gadus S4 Walking Cam Grease 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 Material 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**

Product recommendations for applications and specifications not covered here may be obtained from your Shell representative.