



Formerly Known As: Whitmore® EZ Switch® Clear

Shell Gadus (EZ Switch Clear)

- Reduces Friction
- Wide Temperature Range
- Resist Rain

Switch Plate Lubricant

Shell Gadus (EZ Switch Clear) is a lubricant that facilitates easy movement of the switch and eliminates the possibility of operator injury due to stiff switches. It also helps ensure the switch goes fully into position, reducing the risk of derailment.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

Features

Switch lubricants that rely on graphite are dirty to work with and leave permanent stains in clothing. EZ Switch Clear has the advantage of being non-staining to hands and clothing.

Shell Gadus (EZ Switch Clear) can be applied by pouring, brushing, or spraying. No special spraying equipment is required. Any brand of pump-up weed sprayer can be used. On some sprayers it may be necessary to remove the nozzle or open it up using a drill.

Completely cover the switch with a thin layer of lubricant.

Benefits

- REDUCES FRICTION AND WEAR - low coefficient of friction facilitates ease of switch operation. This minimizes effort and risk of injury on manual switches.
- WIDE TEMPERATURE RANGE – one grade is suitable for year-round use.
- EASY TO APPLY - it can be poured, brushed, or sprayed.
- RESISTS CONTAMINANTS – does not attract dirt.
- RESISTS RAIN – not water-soluble and not easily washed off by the elements.

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 (EZ Switch Clear) is primarily for use as a lubricant for switch plates. Especially useful near waterways, where a clean product is preferred.

Typical Physical Characteristics

Properties			Method	Shell Gadus (EZ Switch Clear)
ISO Grade				46
Kinematic Viscosity	@ 40°C	cSt	ASTM D445	46
	@ 100°C	cSt		7.7
Viscosity Index			ASTM D2270	136
Pour Point	°F (°C)		ASTM D97	-30 (-34)
Density	@ 60°F	lb/gal	Gardner Method	7.19
Specific Gravity	(15.5°C)	g/cc		0.861
Flash Point Cleveland Open Cup	°F (°C)		ASTM D92	400 (204)

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 (EZ Switch Clear) 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.