



Formerly Known As: Whitmore WhitSlide® Extreme

Shell Gadus (WhitSlide Extreme)

- Reduces Friction
- Wide Temperature Range
- Long Lasting Protection

Extreme-Service Slide Lubricant

Shell Gadus (WhitSlide Extreme) is a viscous lubricant which forms a tenacious coating on sliding surfaces. This coating serves as a barrier to help prevent metal-to-metal contact.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

Features

Shell Gadus (WhitSlide Extreme) slide lubricant has been specifically formulated to provide superior lubrication on slide mechanisms. The high film strength and friction-reducing ability of Shell Gadus (WhitSlide Extreme) allows draglines to walk smoothly with minimal heat generation.

Extreme temperatures are not a problem for Shell Gadus (WhitSlide Extreme) due to its wide operating range. Although pumping systems vary due to their configuration and condition, Shell Gadus (WhitSlide Extreme Light) can be applied at -45°F (-43°C).

Shell Gadus (WhitSlide Extreme) uses an ozone-safe, non-chlorinated solvent and does not contain any heavy metal additives. The product can be disposed of in the same manner as any spent grease or asphaltic lubricant.

Benefits

- EXTENDS SLIDE LIFE - contains a synergistic blend of extreme pressure and anti-wear additives that assures optimum lubrication during long walks.
- KEEPS THINGS COOL – no stoppage for cooling.
- SAFE TO USE – no heavy metals, ozone - safe. Uses a high flash point solvent.

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 (WhitSlide Extreme) is intended for use on the walking mechanism slides of Bucyrus 2500 series draglines.

Recommended for heavily loaded bushings. It can also be used on new open gears as a base coat that helps grease-type open gear lubricants stick to the metal.

Typical Physical Characteristics

Properties			Method	Shell Gadus (WhitSlide Extreme)		
Grade				Light	Medium	Heavy
Brookfield Viscosity Spindle 7 @ 5 rpm	@ 77°F (25°C)	cps	ASTM D2983	1,200	Not Reported	85,000
Kinematic Viscosity (Finished Product)	@ 40°C	cSt	D-445	Not Reported	3,500 – 4,500	Not Reported
Density	@ 60°F (15.5°C)	lb/gal	Gardner	8.26	7.46	7.90
Specific Gravity		g/cc	Method	0.991	0.896	0.948
Flash Point Cleveland Open Cup		°F (°C)	ASTM D92	200 (94)	345 (174)	200 (94)
Four Ball EP, Weld Point		kg	ASTM D2596	620	620	800
Four Ball Wear, Scar Width		mm	ASTM 2266	0.60	0.70	0.50
Copper Strip Corrosion	212°F (100°C) @ 3 hrs		ASTM D4048	1B	1B	1B
Low Temperature Pumpability Lincoln Ventmeter @ 400 psi		°F (°C)	OEM Standard	-20 (-29)	15 (-9)	35 (4)
Appearance at Room Temperature				Free Flowing Black Fluid	Slow Moving Black Fluid	Soft Black Grease

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 (WhitSlide Extreme) 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.