



SHELL GADUS – HELPING TO LOWER THE TOTAL COST OF OWNERSHIP IN CONSTRUCTION

WHAT TO RECOMMEND

Shell
GADUS

Grease may only be a small part of your maintenance budget, but it can improve your productivity and help to significantly decrease your maintenance costs and costs related to unplanned downtimes.



ADVANCED WEAR PROTECTION
IMPROVED RELIABILITY



LONGER OIL LIFE
REDUCE MAINTENANCE SPEND



DESIGNED FOR OPTIMUM EFFICIENCY AND PERFORMANCE

	APPLICATION	GOOD	BETTER	BEST
<p>APPLICATION</p>	Pins and Bushes			
	Bucket Pins & Ripper Pins	Shell Gadus S2 V220 2	Shell Gadus S2 V220AD 2	Shell Gadus S3 V460D 2
	Chassis Pivot			
	Boom & Crowd Pins			
	Blade Pivots			
	Anti-friction Bearings & General Applications			
	Driveshaft Cross Joints & Splines	Shell Gadus S1 V160 2	Shell Gadus S2 V220AC 2	Shell Gadus S3 V220C 2
	Swing Bearing & Gear			
	Blade & Attachment			
	Steering System			

COMPROMISED RELIABILITY MEANS INCREASED COSTS

PRODUCT REQUIREMENTS



Mechanical Stability

Resist breakdown, softening and subsequent leakage under shock loads for less grease consumption



Oxidation Stability

No hardening or forming of deposits at high operating temperatures for increased system efficiency



Water Washout Resistance

Good adhesion properties to keep the grease where it is needed for excellent corrosion protection



Wear Protection

Protect metal surfaces & keep them apart under high loads to prolong machine life



Long Grease Life

Reduce maintenance cost, increase machine availability & reduce unplanned equipment downtime



OEM Approvals

Meeting the requirements & specifications of major OEMs

SELECTING THE RIGHT GREASE IS THE CRITICAL FIRST STEP IN IMPROVING YOUR PRODUCTIVITY AND REALIZING SIGNIFICANT TOTAL COST OF OWNERSHIP COST SAVINGS



Shell Gadus S1 V160 2

- General Lubrication in non-demanding applications
- Lithium
- Mineral Base Oil
- Reliable wear protection

Shell Gadus S2 V220 2

- High Performance Multi Purpose Extreme Pressure Grease
- Lithium
- High Viscosity Index Mineral Oil
- Extreme Pressure Additives for high loads

Shell Gadus S2 V220AC 2

- High Performance Multi Purpose with Solids
- Lithium Calcium
- High Viscosity Index Mineral Oil
- Extreme Pressure Additives for high loads
- Anti-Wear, Anti-Oxidation, Anti-Corrosion & Adhesion Additives

Shell Gadus S2 V220AD 2

- High Performance Multi Purpose Grease with Solids
- Lithium Calcium
- High Viscosity Index Mineral Oil
- EP, Anti-Wear, Anti-Oxidation, Anti-Corrosion & Adhesion Additives
- Shock Loads, Vibrations & Wet Working Conditions

Shell Gadus S3 V220C 2

- Premium Multi Purpose Extreme Pressure Grease
- Lithium Complex
- High Viscosity Index Mineral Oil
- EP, Anti-Wear, Anti-Oxidation & Anti-Corrosion Additives
- High Operating Temperatures

Shell Gadus S3 V460D 2

- Premium Multi Purpose Heavy Duty Grease with Solids
- Lithium Complex
- High Viscosity Index Mineral Oil
- EP, Anti-Wear, Anti-Oxidation, Anti-Corrosion Additives
- High Operating Temperatures
- Shock Loads, Vibrations & Wet Working Conditions

ALL SHELL GADUS GREASES ARE MANUFACTURED IN A HIGHLY CONTROLLED & SYSTEMATIC WAY TO ENSURE THAT EVERY BATCH YOU RECEIVE GIVES YOU THE SAME HIGH PERFORMANCE LEVELS



LR IMAGE PLACEHOLDER - PLEASE SUPPLY HR IMAGE



\$50.000

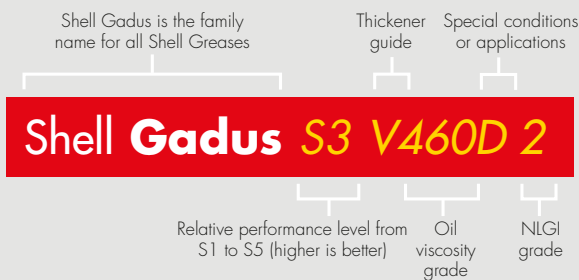


Cost savings reported by a customer who was experiencing significant bucket pin wear & increase grease consumption in its excavators. By changing to Shell Gadus S2 V220AD 2, the company was able to significantly decrease grease consumption from 24t/a to 3t/a and reduce service costs and downtime due to less frequent lubrication.

The savings indicated are specific to the calculation date and mentioned site. These calculations may vary from site to site and from time to time, depending on, for example, the application, the operating conditions, the current products being used, the condition of the equipment and the maintenance practices.

Shell Gadus greases have names based on 4 key properties critical when selecting the right grease for your application:

- Thickener type
- Oil viscosity
- Operating conditions and application
- NLGI grease (consistency)



KEY LETTERS USED:

- A** = Wet (aqueous) conditions
- C** = Coloured grease
- D** = Contains solids, suitable for Shock-load conditions
- OG** = Open gear
- Q** = Noise-dampening (quiet) applications
- T** = Extreme-temperatures applications, polyurea thickener
- V** = Versatile, lithium, lithium calcium or lithium complex thickener

For more information please contact:

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