

# Shell Gadus S3 V460



- Heavy-duty protection
- High temperature
- Lithium complex



DESIGNED TO MEET CHALLENGES

Every part of your machine or process has been meticulously engineered, so you want to use a lubricant that has been designed to ensure that your equipment is well protected and works efficiently.

The Shell Gadus range of greases has been developed to enable equipment operators to select the grease that will deliver optimum value to their operations through

- **wear protection**
- **long grease life**
- **system efficiency.**

## Performance at a glance

	Protection	Grease life	System efficiency
<b>Shell Gadus S5 T460 Synthetic</b> <ul style="list-style-type: none"> <li>■ Heavy-duty protection</li> <li>■ Extreme temperature</li> <li>■ Polyurea</li> </ul>	✓✓✓✓	✓✓✓✓✓✓	✓✓✓✓
<b>Shell Gadus S3 V460</b> <ul style="list-style-type: none"> <li>■ Heavy-duty protection</li> <li>■ High temperature</li> <li>■ Lithium complex</li> </ul>	✓✓✓✓	✓✓✓✓	✓✓✓✓✓
<b>Shell Gadus S2 V460A</b> <ul style="list-style-type: none"> <li>■ Heavy-duty protection</li> <li>■ Water resistant</li> <li>■ Lithium calcium</li> </ul>	✓✓✓	✓✓✓	✓✓✓✓

Performance level is a relative indication only.

## A PREMIUM, HEAVY-DUTY, HIGH-TEMPERATURE, EXTREME-PRESSURE (EP) MULTIPURPOSE GREASE

Shell Gadus S3 V460 is a premium, heavy-duty, high-temperature, full EP multipurpose grease. It is a lithium complex grease that you can rely on to provide excellent wear protection and long bearing life for your slow- to moderate-speed bearings operating at high temperatures. Shell Gadus S3 V460 also has excellent mechanical stability in the presence of water to keep the grease where it is needed. It is widely recognised and listed by leading equipment manufacturers.

## DESIGNED TO PROTECT

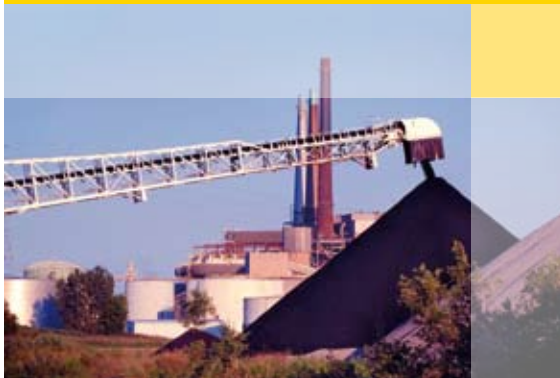
Protecting equipment from wear can help to increase service life and maximise your return on investment. Shell Gadus S3 V460 can help to provide

### ■ **protection for EP bearings,**

as it passes the four-ball weld load test at 315 kg (ASTM D2596 test method), which exceeds the 250-kg minimum weld load that a grease must pass to be classified as having good load-carrying properties (ISO 6743-9)

### ■ **good corrosion protection,**

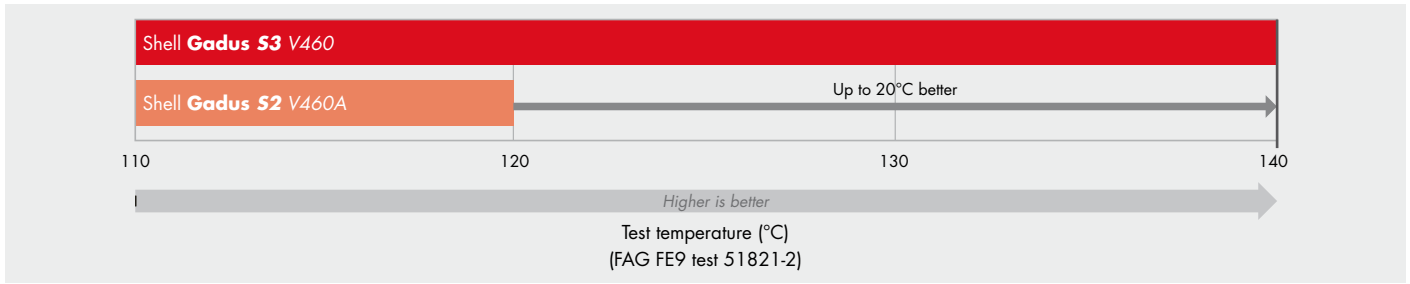
as it achieves a rating of 3 in synthetic-seawater bearing-corrosion tests (IP 220/ASTM D6138) in which a rating of 0 represents no visible corrosion and a rating of 5 indicates more than 10% corrosion.



## DESIGNED FOR LONG GREASE LIFE

The longer your grease lasts, the longer your bearings last. Shell Gadus S3 V460 is designed to help you to operate your equipment for longer. It offers

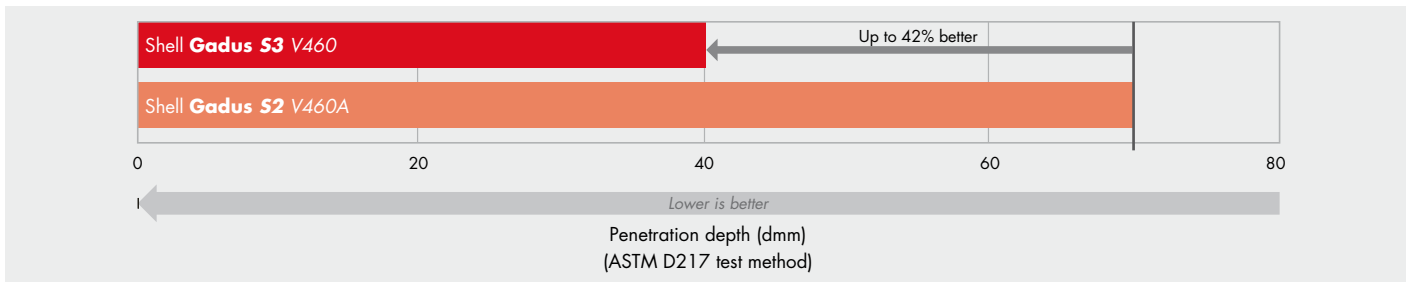
- **over 100 hours of bearing life during severe 140°C testing**  
compared with Shell Gadus S2 V460A, which has 100 hours of bearing life at 120°C.



## DESIGNED FOR SYSTEM EFFICIENCY

By keeping its mechanical stability, a grease can go on working as intended in your equipment, so the machine continues performing at its design specifications. Shell Gadus S3 V460 has

- **significantly better mechanical stability in the presence of water**  
than Shell Gadus S2 V460A, as there is less than a 40-dmm change in consistency after 100,000 work strokes at 25°C with 10% water (ASTM D217 test method).



## APPROVALS, LISTINGS AND SPECIFICATIONS

Shell Gadus S3 V460 meets the requirements of a wide range of industry bodies and equipment manufacturers. It is available in NLGI grades 1.5 and 2, both of which are suitable for centralised dispensing systems.

### Listings

CPM Roskamp Champion	Konecranes
Bucyrus International	Moventas
FLS Building Materials	Stork Food and Dairy Systems

## APPLICATIONS



High temperature and EP – suitable for slow-moving bearings subjected to high operating temperatures in heavy industries such as steel and mining

## REAL-WORLD VALUE DELIVERY

Many customers around the world are benefiting from switching to Shell Gadus S3 V460. For instance, customers are

- cutting grease consumption: a pipe mill reports saving \$50,000<sup>1</sup> a year by reducing annual grease consumption by 6 tonnes
- extending bearing life: one steel customer reports saving over \$625,000<sup>1</sup> a year by reducing bearing failures, extending maintenance-free operations and cutting grease consumption.

## FULL PRODUCT AND SERVICE PORTFOLIO

Whatever your needs or application, we can provide a full range of oils and greases, including synthetic, high-performance products and additional services.

<sup>1</sup> Saving reported by one customer. Actual savings may vary, depending on the application, the current oil used, the maintenance procedures and the condition of the equipment.

For more information, please contact

[shell.com/lubricants](http://shell.com/lubricants)

