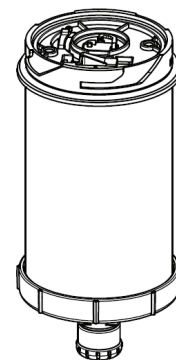


Technical Data Sheet

NOVA ECGV Gadus

S3 V460D 2 / 110gm



Advantages for your applications

- Transparent lubricator body allowing the position of the lubricant piston to be easily inspected.
- Slimline design minimises space required for installation.
- When used with Shell Tactic Ecar Control Unit it allows time setting options in monthly increments up to 12 months.
- An intrinsically safe device.
- Filled with high performance Shell Gadus S3 V460D 2 grease.

Description

The NOVA ECGV Gadus S3 V460D 2 / 110gm cartridge is the single use grease filled component of an automatic single-point lubrication system. The NOVA ECGV S3 V460D 2 / 110gm must be combined with the compatible Shell Tactic ECGV Control Unit which provides the controlling interface for the system via a single push button and LCD display. The reusable Shell Tactic Ecar Control Unit is supplied separately.

Application

When combined with a compatible Shell Tactic Ecar Control Unit the complete lubrication system can be used to automatically lubricate machine elements such as rolling element bearings on a variety of equipment and applications.

The complete lubrication system can be direct mounted to the lubrication point or remote mounted within the specified guidelines.

The Shell Gadus S3 V460D 2 grease provides high load carrying capability due to the combination of a high base oil viscosity and the inclusion of molybdenum disulphide. This performance feature, when combined with the frequent grease delivery from the complete lubrication system, provides a preventative maintenance advantage for heavily loaded, low speed bearings.

Technical Data (lubricant cartridge)

The table below summarise the key technical data relating to the lubricator cartridge.

| Characteristic | Data |
|-----------------------------------|--|
| Housing material | Transparent plastic |
| Discharge periods | 1 – 12 months in monthly increments. Must be combined with compatible Shell Tactic Ecar Control Unit to complete the system. |
| Operating Temp Range | -20°C to +60°C |
| Protection Class | IP 65 |
| Certificates of intrinsic safety | Contact your supplier for current certificates. |
| Remote installations ¹ | Up to 2 meters of 3/8" ID line |
| Volume | 130 cm ³ |
| Lubricant net weight | 110 grams |

Note 1 – This is a guide. Limits depend on variables such as line internal diameter, ambient temperature and resistance presented by the lubrication point. Extending grease line lengths delays the delivery of first grease to the lubrication point due to the increased resistance to grease flow.

Technical Data Characteristics (lubricant)

The table below summarise the typical physical characteristics of Shell Gadus S3 V460D 2 grease.

| Characteristic | Data (Method) |
|-----------------------------|-----------------------------|
| NLGI consistency | 2 |
| Colour | Black |
| Thickener | Lithium complex |
| Base oil (type) | Mineral |
| Kinematic viscosity @ 40°C | 460 cSt (IP 71 / ASTM D445) |
| Kinematic viscosity @ 100°C | 31 cSt (IP 71 / ASTM D445) |
| Dropping point | > 240°C (IP 396) |

Further information on Gadus S5 T100 2 can be sourced from the Technical Data Sheet (TDS). Please contact the Viva Energy Australia Technical Help Desk.

Basic Product Dimensions (cartridge only)

The table below summarises the basic product dimensions of an individual lubricant cartridge. These dimensions do not include

| Reference Dimension | Data |
|-----------------------------------|--------|
| Outer diameter (at largest point) | 60mm |
| Height (excluding end cap) | 126mm |
| Lubricant outlet thread | ¼" BSP |

| Technical Help Desk | |
|---------------------|--|
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