

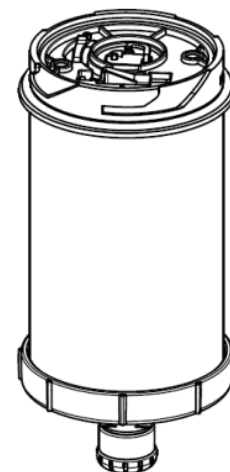
# Technical Data Sheet

## NOVA ECGV Gadus

### S3 T220 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 the Shell Tactic Ecar Control Unit allows time setting options in monthly up to 12 months.
- An intrinsically safe device
- Filled with high performance Shell Gadus S3 T220 2 grease



#### Description

The NOVA ECGV Gadus S3 T220 2 / 110gm cartridge is the single use grease filled component of an automatic single-point lubrication system. The NOVA ECGV Gadus S3 T220 2 / 110gm cartridge must be combined with the compatible Shell 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 T220 2 grease provides high temperature performance capability, excellent oxidation resistance and excellent resistance to oil bleed. These performance features, when combined with the flexible time setting options of the complete lubrication system, may allow machinery lubrication maintenance cycles to be optimised and extended. Suitable for a wide range of applications such as fans, pump and conveyors. (Refer to original equipment manufacturer for lubricant requirements)

#### 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 Control Unit
Operating Temp Range	-20°C to +60°C
Protection Class	IP 65
Certificates of intrinsic safety	Contact your supplier for current certificates.
Remote installations <sup>1</sup>	Up to 2 meters of 3/8" ID line
Volume	130 cm <sup>3</sup>
Lubricant net weight	110 grams

**Note 1** – This is a guide only. 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 (lubricant cartridge)

The table below summarises the typical physical characteristics of Shell Gadus S3 T220 2 grease.

Characteristic	Data (Method)
NLGI consistency	2
Colour	Light brown
Thickener	Diurea
Base oil (type)	Mineral
Kinematic viscosity @ 40°C	220 cSt (IP 71 / ASTM D445)
Kinematic viscosity @ 100°C	19 cSt (IP 71 / ASTM D445)
Dropping point	260°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

The table below summarises the basic product dimensions of an individual lubricant cartridge and a complete lubricator when combined with the compatible Control Unit.

Characteristic	Data
Outer diameter (at largest point)	60mm
Height (lubricator cartridge only excluding end cap and Control Unit)	126mm
Height (complete lubrication system including Control Unit)	136mm
Lubricant outlet thread	¼" BSP

Technical Help Desk	
<b>Phone</b>	<b>1300 134 205</b>
<b>Email</b>	<b>technicalhelpdesk@vivaenergy.com.au</b>