

# Technical Data Sheet

## NOVA ECGV Gadus

### S5 T100 2 / 55gm

#### 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 S5 T100 2 grease



#### Description

The NOVA ECGV Gadus S5 T100 2 / 55gm cartridge is the single use grease filled component of an automatic single-point lubrication system. The NOVA ECGV Gadus S5 T100 2 / 55gm must be combined with the compatible lubricator Control Unit, which provides the controlling interface for the system via a single push button and LCD display, to complete the system. 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 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 S5 T100 2 grease provides high temperature performance capability, excellent oxidation resistance and excellent resistance to oil bleed. These performance features, 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 high speed applications such as fans and electric motor lubricant

#### 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 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 <sup>1</sup>	Up to 2 meters of 3/8" ID line
Volume	65 cm <sup>3</sup>
Lubricant net weight	55 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 Characteristics (lubricant)

The table below summarise the typical physical characteristics of Shell Gadus S5 T100 2 grease.

Characteristic	Data (Method)
NLGI consistency	2
Colour	Light brow
Thickener	Diurea
Base oil (type)	Synthetic
Kinematic viscosity @ 40°C	100 cSt (IP 71 / ASTM D445)
Kinematic viscosity @ 100°C	14 cSt (IP 71 / ASTM D445)
Dropping point	250°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.

Reference Dimension	Data
Outer diameter (at largest point)	60mm
Height (lubricator cartridge only excluding end cap and Control Unit)	90mm
Height (complete lubrication system including Control Unit)	100mm
Lubricant outlet thread	¼" BSP

Technical Help Desk	
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