

# Star Vario Viva Energy Red Rubber Grease 250cc

## Description

The Star Vario Viva Energy Red Rubber Grease 250cc is a single use lubricant cartridge for an automatic single-point lubrication device which is filled with Viva Energy Red Rubber Grease. The cartridge is combined with a compatible Drive Unit to form the complete lubrication system.

The Star Vario Viva Energy Red Rubber Grease 250cc is the single use grease filled component of an automatic single-point lubrication system. The STAR VARIO Viva Energy Red Rubber Grease 250cc must be combined with the compatible lubricator Drive Unit which provides the controlling interface for the system via a single push button and LCD display. The reusable Drive Unit is supplied separately.

## Summary of Benefits

- Transparent lubricator body allowing the position of the lubricant piston to be easily inspected
- When used with the compatible lubricator drive unit:
  - Allows time setting options in monthly increments up to 12 months.
  - Provides precise dispensing independent of ambient temperature.
- Filled with Viva Energy Red Rubber Grease

## Applications

When combined with a compatible Drive Unit the complete lubrication system can be used to automatically lubricate equipment such as knife gate valves where a rubber compatible grease is required to provide for the lubrication requirements whilst avoiding potential problems such as swelling of rubber components which may occur when using greases containing mineral oils.

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

## Technical Data

The table below summarises the key technical data relating to the lubricator.

Characteristic	Data
Housing material	Transparent plastic
Discharge period	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 54
Remote installations <sup>1</sup>	Up to 5 meters of 3/8" ID line
Volume	250 cm <sup>3</sup>

<sup>1</sup> 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.

## Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Guidance on health and safety is available on the appropriate Material Safety Data Sheet which can be obtained from the Viva Energy website ([www.vivaenergy.com.au](http://www.vivaenergy.com.au)) or Technical Helpdesk.

## Typical Physical (Grease)

The table below summarises the typical physical characteristics of Viva Energy Red Rubber Grease.

Characteristic	Data (Method)
NLGI consistency	2
Colour	Red / Tacky
Thickener	Clay
Kinematic viscosity @ 40°C	250 cSt (ASTMD445)
Dropping point	>288°C (ASTMD2265)

## 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)	63 mm
Height (lubricator cartridge only excluding end cap and Control Unit)	157 mm
Height (complete lubrication system including Control Unit)	228 mm
Lubricant outlet thread	1/4" BSP

## Technical Help Desk

Phone	1300 134 205
Email	<a href="mailto:technicalhelpdesk@vivaenergy.com.au">technicalhelpdesk@vivaenergy.com.au</a>