

# Shell Valiant Grease R 2

## Plastic Compatible Lithium Soap grease



### Applications

**Shell Valiant Greases R 2** is intended for use in plastic ball joints for commercial vehicles and passenger cars.

**Shell Valiant Greases R 2** is suitable for low speed sliding and rolling contacts between plastic and metal.

**Shell Valiant Greases R 2** provides excellent adhesion, oxidation stability and low temperature performance.

### Composition

Synthetic fluid thickened with lithium soap and containing anti-oxidants and polymer.

### Useful Operating Temperature

-40 °C to 130°C.

### Typical Properties of Shell Valiant Grease R 2

Test Items		Figures
Thickener		Lithium Soap
Base oil	type	Synthetic Hydrocarbon
	cin. viscosity, mm <sup>2</sup> /sec @ 100°C	22
Worked Penetration		271
Dropping Point, °C		217
Copper Corrosion, 24 hours @ 100°C		pass
Evaporation Loss, % 22 hours @ 99°C		0.16
Oil Separation, % 24 hours @ 100°C		0.8
Oxidation stability, kgf/cm <sup>2</sup> 100 hours @ 99°C		0.011
Unworked Penetration	@ -40 °C	101
	@ -20 °C	203
	@ 0 °C	245
	@ 25 °C	275
	@ 75 °C	320
	@ 100 °C	345
	@ 125 °C	370

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.