

SPGT Special Plastics Grease

SPGT is a synthetic grease offering outstanding low temperature performance and excellent compatibility with thermoplastics, including ABS and Polycarbonate, even at elevated temperatures. SPGT is an efficient mechanical lubricant for plastics both with themselves and with metals.

- Excellent plastics compatibility; suitable for use with sensitive plastics (testing advised)
- Tacky characteristic; high tenacity to stay in contact zone
- Stays where placed even on vertical surfaces; ideal for plastic-plastic lubrication
- Excellent at holding components in place during assembly

Approvals **RoHS Compliant (2015/863/EU):** **Yes**

Typical Properties

Colour	Light Brown
Density (g/ml)	0.9
Temperature Range (°C)	-40 to +125
Copper Strip Corrosion (IP154 / ISO 2160)	≤1b
Drop Point (IP32 / ISO 2176 (°C))	>250
Cone Penetration Worked (ASTM D217, 60 strokes @ 20°C)	330
Consistency (NLGI)	1
Oil Bleed / Separation (IP121)	<8%
Plastic Compatibility - ABS	Test
Plastic Compatibility - PC	Test
Thickener	Clay
UV Trace	Yes

Base Oil Properties

Base Oil Type	PAO
Pour Point (ASTM D 97 (°C))	-57
Flash Point (COC ASTM D 92 (°C))	243

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All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

Ashby Park, Coalfield Way,
 Ashby de la Zouch,
 Leicestershire LE65 1JR
 T +44 (0)1530 419 600
 F +44 (0)1530 416 640
 BS EN ISO 9001:2008
 Certificate No. FM 32082

<u>Packing</u>	<u>Order Code</u>	<u>Shelf Life</u>	<u>Container Dimension</u>
900g Bulk	SPGT900G	72 Months	254mm (Diameter) x 330mm (Height)
10Kg Bulk	SPGT10K	72 Months	
20Kg Bulk	SPGT20K	72 Months	305mm (Diameter) x 406mm (Height)
52Kg Bulk	SPGT52K	72 Months	
54Kg Bulk	SPGT54K	72 Months	
200L Bulk	SPGT200L	72 Months	
35ml Syringe	SPGT35SL	48 Months	

Directions for Use

Depending on packaging type, this lubricant can be applied by one of the following methods (although this list is not exhaustive):

Manually by way of a syringe

Semi-automated using syringe dispensing

Fully automated by way of a follower/pusher plate with dispensing system

Typical Product Applications

SPGT has been formulated to ensure compatibility with plastics and metals commonly used in the manufacture of electrical switches. It is particularly recommended as an assembly aid in switch manufacture (montage grease). It is also ideal to reduce wear in timers and other plastic/plastic friction points (e.g. photocopiers).

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