

# Technical Data Sheet



<b>PRODUCT DESCRIPTION:</b>	<b>Contact Grease CG53A</b>	<b>DATE:</b>	<b>03/97</b>
<b>PRODUCT CODE:</b>	<b>CG53A</b>	<b>PAGES:</b>	<b>1</b>

## PRODUCT DESCRIPTION

The CG series of Contact Lubricants is an extension of the extremely popular 2X range. The main advantages of these products is reduced contact resistance (even on extremely heavy usage) , improved plastics compatibility and improved mechanical lubrication. The use of CG53A on switches and connectors guarantees a very low and stable contact resistance over the long lifetimes required by the automotive industry.

The exceptionally low wear characteristics make this lubricant ideal for high quality audio and automotive applications, providing a very smooth, high quality feel operation. The plastics compatibility of this grease is very good although it is always advisable to test prior to full scale production.

## PROPERTIES

Colour:		Creamy white
Drop Point (ISO 2176):		200°C
1/4 Cone Penetration (ASTM 217):	20°C	65 to 75
	-40°C	50 to 60 (Typical)
Worked Penetration (ASTM 217):	20°C	295 to 340 (Typical 320)
Consistency (DIN 51818):		NLGI 1-2
Fließdruck (DIN 51805):-40°C		<350 mBar
Oil Separation (DIN 51817/IP121):		<8%
Copper Corrosion (DIN 51759/IP112):		Class 1a (4h @ 150°C)
Silver Corrosion (DIN 51759):		No colour change (3h 100°C)
Infra Red (DIN 51820):		According to standard
Base Oil:		Complex mixture of synthetic polyols containing anti-oxidants, anti-corrosives and metal protection additives.
Pour Point:		-41°C
Density (base oil @ 20°C):		0.995 g/ml (ASTM D1298)
Thickener:		Complex inorganic thickener
Temperature Range		-40°C to +130°C

## PACKAGING

35ml Syringe  
1 Kg Bulk  
5 Kg Bulk  
12.5 Kg Bulk  
25 Kg Bulk

## ORDER CODE

CG53A35SL  
CG53A01K  
CG53A05K  
CG53A12.5K  
CG53A25K

The 12.5 and 25 kg grease drums have parallel sides for use with "follower plate" dispensing equipment for automated manufacturing lines. The drum dimensions are:

**12.5 kg            254mm (inside diameter) x 330mm (height)**  
**25 kg              305mm (inside diameter) x 406mm (height)**

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