

LOSOID CRL 61015

Lubricants for the Cleanroom Technology

Introduction

The lubricants described in this data sheet belongs to the LOSIMOL Cleanroom Lubricants Series, especially developed for the requirements of the cleanroom technology (e.g. semiconductor manufacturing). This means that the cleanroom lubricants not only correspond to usual tribological characteristics but also to the specific requirements of cleanroom technology like number and size of particles. Therefore LOSIMOL Cleanroom Lubricants are classified according to these two items.

Cleanroom Characteristics

The determination of the results of the particle emission behaviour and particle size distribution has been done under standardised conditions. A wafer positioning unit of a semiconductor inspection equipment served as a test stand.

General Technical Data Regarding LOSOID CRL 61015:

Penetration Worked (Consistency)	300/320
Apparent Dynamic Viscosity mPa.s (cP)	abt.5.250 cP
Ductility	good
Evaporation Loss	0.6%-16h/70° C
Spreading Behaviour	Sp=35/70° C
Operating Temperature Range	abt.-30° C/+85° C
Resistant Plastics	PA,PC,PS,POM, PPO,ABS,SAN

Remarks:

The quoted data are the average of several tests on different production lots. Our deliveries are being effected according to these specifications within permitted tolerances.

All the information given is correct, to the best of our knowledge and belief. Our information does not remove the responsibility from the customers to verify that our product is suitable for their particular demand.

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