

LOSOID CRL 97902

Introduction

The lubricant described in this data sheet belongs to the LOSIMOL Cleanroom Lubricant 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 CRL97902:

Penetration Worked (Consistency)	320/340
Apparent Dynamic Viscosity mPa.s(cP)	abt. 5.500 cP
Ductility	very good
Evaporation Loss	0.3% --16h/70°C
Spreading Behaviour	Sp = 48/70°C
Operating Temperature Range	abt. -15°C/+85°C
Resistant Plastics	PA, PC, POM,
PS, SAN	