



# MULTIS ZS 000

## DESCRIPTION

Multipurpose synthetic extreme pressure fluid lithium/calcium grease.

## APPLICATIONS

**MULTIS ZS** is especially developed for chassis lubrication by means of a centralized system for which NLGI 00/000 grade greases are recommended.

Central lubrication systems found on trucks, off-road vehicles used in agriculture civil engineering, and industry.

## SPECIFICATIONS

ISO 6743-9 : L-XECFB000

DIN 51502 : MP00/000K-45

Approval Mercedes-Benz, specifications for Daimler Truck Fluid Release DTFR 33B100

MAN according to Werknorm 283-Li-P00/000

Vogel AG, specification Fließfett, edition 01/89

## ADVANTAGES

Forms a durable lubrication film, resulting in prolonged lifetime of the lubricated parts.

**MULTIS ZS**, because of its excellent low temperature characteristics and smooth texture has an outstanding pumpability.

**MULTIS ZS** is miscible with most other conventional soap greases.

Excellent adhesion to metal.

**MULTIS ZS** does not contain lead, or other heavy metals considered harmful to human health and the environment.

## RECOMMENDATIONS

Always avoid contamination of the grease by dust and/or dirt when applying. Preferably use a pneumatic pump system.

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. is obtainable via your commercial adviser [www.quick-fds.com](http://www.quick-fds.com).

TotalEnergies Lubricants

SA 552 006 454 RCS Nanterre - France

## TYPICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS	METHODS	UNITS	MULTI ZS
Soap/thickener		-	Lithium / Calcium
NLGI grade	ASTM D 217/DIN 51 818	-	00/000
Color	Visual	-	Green
Appearance	Visual	-	Smooth
Operating temperature range		°C	- 45 to 120
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	420 - 460
Flow pressure -35°C	DIN 51 805	mbar	56
Delimon 7mm, -20°C, 1/10/100 g/min	DIN 51 816-T2	bar/m	0,25 / 0,98 / 3,62
Dropping point	IP 396/DIN ISO 2176	°C	> 170
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN 51 562-1/ISO 3104/IP71	mm <sup>2</sup> /s (cSt)	42

Above characteristics are mean values given as an information.

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