

# DATASHEET LUBRICANTS



## SAUER FleetLube Longlife

SAUER FleetLube Longlife is a high quality multipurpose grease based on basic oils with lithium soaps (Li-12-hydroxystearates) as thickening agents and was developed especially for friction and roller bearings.

The special basic oil mixture provides a perfect low temperature behaviour.

Besides, highly effective additives improve the corrosion protection.

SAUER FleetLube Longlife is appropriate for lubricating all types of roller bearings of Truck & Trailers as well as of railway power units except for highspeed trains.

SAUER FleetLube Longlife proved to be successful in many areas due to its excellent work stability and low temperature characteristics.

### Practical advantages:

- Can be used within a wide temperature range
- Excellent corrosion properties
- High mechanical stability, due to the excellent oxidation stability the lubricating abilities are guaranteed even with long-term use

[sauer-qualityparts.com](http://sauer-qualityparts.com)

# DATASHEET LUBRICANTS



## Typical characteristics:

Properties	Value	Unit	Standard
NLGI-class	3		
Worked penetration 60	235	0,1 mm	ASTM D 217
Worked penetration 100.000	250	0,1 mm	ASTM D 217
Dropping point	>180	°C	ASTM D 556
Basic oil kinematic viscosity 40° C	110	mm <sup>2</sup> /s	DIN EN ISO 3104
Penetration at -30°C	120	0,1 mm	ISO 13737
Flow pressure at -30°C	<1400	hPa	DIN 51805
Starting torque at -20°C	200	mNm	ASTM D 1478
Operation torque at -20°C	30	mNm	ASTM D 1478
Behaviour agianst water 3 h/90°C	1	Evaluation stage	DIN 51807-T1
Corrosion protection properties	0 - 0	Corrosion degree	DIN 51 802
Corrosion effect on copper 3h, 120°C	1	Corrosion degree	DIN 51 811
Oil seperation 40°C / 7 d	2 - 4	Mass %	DIN 51 817
Rolling bearing test device FE 9 Test method A 1500/6000/130°C	>100	h	DIN 51 821
Rolling bearing test device FE 8 Test method A 75-50-80 A 750-30-80	pass pass		DIN 51 819
Mechanical stability test V2 F Test run A 144 h Test run B 500 h	pass pass		SKF
Service temperature	-30 bis +130	°C	DIN 51 825

All ratings are average values and are subject to production-related variation.

[sauer-qualityparts.com](http://sauer-qualityparts.com)