

# PRODUCT INFORMATION

## SAF LiLube Expert

**SAF LiLube Expert** is designed from a special modified lithium complex soap as thickener, a base oil composition from highly refined, oxidation resistant mineral oil and PAO as well as additives developed for highest requirements.

The carefully phased additive package provides, due to selective synergetic effects of the additive components highly effective wear protection, especially on extreme conditions like low revolutions and impact load. Special corrosion protection additives grant outstanding corrosion protection properties on highest level.

The partially synthetic base oil composition with a relatively high viscosity shows a high lubricating film stability and good adhesiveness, which leads to a distinct reduction of friction and wear.

**SAF LiLube Expert** is free of heavy metals.

### PROPERTIES:

- resistant to aging
- corrosion protective
- wear preventive
- generally plastic compatible
- guarantees extremely long relubrication periods

### PRACTICAL ADVANTAGES:

**SAF LiLube Expert** is made for the use in highly stressed and thermally especially loaded roller bearings, especially where lifetime lubrication is desired.

### APPLICATION:

- SKRB 9022
- S / Z / 9 / 11 - 3020/3720
- B / S / Z / 9 / 11 - 19 / 22 / 4218 / 4220
- B19

### TYPICAL CHARACTERISTICS:

Properties	Value	Unit	Standard
Colour	blau		
Soap base / thickener	lithium complex		
NLGI class	2		DIN 51 818
Worked penetration	265-295	0.1 mm	ASTM D 217
Worked penetration after 100,000 double strokes	<40	0.1 mm	ASTM D 217
Base oil	mineral oil / PAO		
Dropping point	>250	°C	ASTM D 566
Resistance towards water (3h/+90°C)	1	grade	DIN 51 807-1
Four ball welding load	3000	N	DIN 51 350-4
Four ball O.K. load	2800	N	
Cu-corrosion (100°C/24h)	1	grade	DIN 51 811
Oil separation after 18 h	0.6	%	DIN 51 817
after 7 d	2.0		
Emcor test dest. water	0 / 0	%	DIN 51 802
Designation	KP 2 R -30		DIN 51 502

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

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