



## OKS 422 Universal Grease for Long-Life Lubrication

### Technical Data

	Standard	Conditions	Unit	Value
Marking	DIN 51 502	DIN 51 825		KPHC2N-40
<b>Base oil</b>				
Type				Polyalphaolefine
Viscosity	DIN 51 562-1	40°C 100°C	mm <sup>2</sup> /s mm <sup>2</sup> /s	50 8
Pour point	DIN ISO 3016	3°C step	°C	> -65
Flashing point	DIN ISO 2592	> 79	°C	268
<b>Thickener</b>				
Type				Barium-complex soap
Consistency	DIN 51 818	DIN ISO 2137	NLGI grade	2
Worked penetration	DIN ISO 2137	60 cycles	0.1 mm	265 - 295
Apparent dynamic viscosity	DIN 51 810	D 300s-1, ni and ne	mPas s	5,000
Flow pressure	DIN 51 805	-35°C	mbar	< 550
Drop point	DIN ISO 2176		°C	230
Oil separation	DIN 51 817	18 h/40°C	% by mass	< 0.7
DN factor			mm x 1/min	800,000
<b>Application-specific data</b>				
Density	DIN EN ISO 3838	20°C	g/cm <sup>3</sup>	0.95
Colour				light-coloured
<b>Operating temperatures</b>				
Lower operating temperature	DIN 51 805	< 1,400 hPa	°C	-40
Upper operating temperature	DIN 51 821-2	F50 (A/1500/6000), 100 h	°C	140
Maximal operating temperature			°C	200
<b>Corrosion protection tests</b>				
SKF-EMCOR	DIN 51 802		Corr. degree 0 - 5	0 and 0
Water resistance	DIN 51 807-1	90°C	Degree 0 - 3	0
<b>Wear protection tests</b>				
Four-ball test rig welding load	DIN 51 350-4		N	3,400
Four-ball test rig wear	DIN 51 350-5	1,420 1/min / 1 h / 800 N	mm	0.6

### Packaging

- 120 cm<sup>3</sup> CL-cartridge
- 1 kg tin
- 25 kg hobbock
- 400 ml cartridge
- 5 kg hobbock
- 180 kg drum

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