

MOLYKOTE
7348

Product type

grease

Colour

light beige

Composition

polyphenylmethyl siloxane, lithium complex thickener, antioxidant, solid lubricants

Test data

Test	Standard	Unit	Result
Consistency, density, viscosity			
NLGI consistency class	DIN 51 818		2
Worked penetration	ISO 2137	mm/10	265 - 295
Density at 20°C	ISO 2811	g/ml	1,1
Base oil viscosity at 40°C	DIN 51 562	mm ² /s	240
Temperature			
Service temperature		°C	-20 to +230; +250 for short periods
Drop point	ISO 2176	°C	> 200
Low-temperature torque test at -20°C	ASTM-D-1478-80		
Initial breakaway torque		Nm	350 • 10 ⁻³
Torque after 20 min running time		Nm	60 • 10 ⁻³
Load-carrying capacity, wear protection, service life			
Four-ball tester			
Weld load	DIN 51 350 pt.4	N	1600
Wear scar under 400 N load	DIN 51 350 pt.5	mm	4,05
FAG rolling element bearing tester FE 9, 1500/6000-150, F ₅₀	DIN 51 821-02-A	h	660
Speed			
DN value		mm/min	200000
Resistance			
Water resistance, dynamic, 80°C,	DIN 51 807 pt.2		1
Oxidation resistance	DIN 51 808		
Pressure drop 100 h, 99°C		bar	0,15
Corrosion protection			
SKF-Emcors method	DIN 51 802		
Degree of corrosion			1 - 2
Oil separation, evaporation			
Oil separation			
Standard test	DIN 51 817	%	2,3
Oil bleed	Fed. Standard		
24 h, 100°C	791-321.2	%	< 8
Oil evaporation	Fed. Standard		
24 h, 100°C	791-321.2	%	< 5
Identification of lubricating greases			
	DIN 51 502		K F SI 2 U-20

Application

Clean bearing surfaces. Apply grease in the normal way using a brush, grease gun or automatic lubricating system. MOLYKOTE 7348 can be used in centralised lubrication systems.

Storage life 5 years

At ambient temperature in a non-corrosive environment.

Safety instructions/Important note

Wash hands before eating, drinking or smoking. Avoid contact with eyes.

Important note:

Please obtain a current safe handling instruction. The test data given here are average values. Unless we agree to the specific applications and service conditions, we cannot provide warranties, producer liability or property guarantees.