

Castrol Spheerol 4807

Special lubrication grease

Description

Spheerol 4807 is a special grease with EP (extreme pressure) additives, based on mineral oil and a special calcium complex soap thickener. Spheerol 4807 meets the requirements of TL B 1400.1,2 as an annular spring buffer grease. This special grease is for the lubrication and corrosion protection of friction spring type annular springs, which are primarily used by the railway industry in plunger buffers.

Castrol has successfully submitted this product to the strict requirements of the high-quality standard DIN EN ISO 9001. This certification gives you an additional safety assurance with this products quality and the service that can be expected from Castrol.

Typical Characteristics

Test	Method	Unit	Result
Colour			Brown
Thickener			Calcium-complex soap
Dropping point	DIN ISO 2176	°C	200
NLGI-grades	DIN 51818		1/2
Penetration			
Worked penetration	DIN ISO 2137	0,1 mm	315
after 60,000 DS	DIN ISO 2137	0,1 mm	348
Oxidations stability	DIN 51808	bar	<0.8
Neutralization number	DIN 51558-1	mg KOH/g	0.3
Water content	DIN ISO 3733	Gew. %	Trace amount
Water resistance	DIN 51807-1		1 - 90
Service temperature range		°C	-20 / +60
Code designation	DIN 51502		M 1 -2C -20
Oil separation 24h/60 °C	DB C 1 StV 200	%	<0,40
nn nn	DB C 1 StV 201	Stufe	Good
nn 24 h/60 °C	DB C 1 StV 207	Stufe	0
Corrosion test Emcor	DIN 51802 / ISO 11007	Korr. Grad	0 and 0
Base oil			
Notation			Mineral oil
Viscosity at 40 °C	DIN 51562	mm ² /s	50 - 70

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