



Grease Calcium Graphite

Calcium based graphite grease

Description

Calcium based graphite grease for severe operating conditions. Temperature range - 20 up to 120 °C.

Applications

- Grease Calcium Graphite 0 has been designed specifically for the lubrication of rails in railways mainly in the curve and other areas exposed to major friction, to avoid the early wear of both the wagon wheel and the rails.
- Grease Calcium Graphite 3 is intended for lubrication of the

pantograph sheet iron as conductive calcium grease

Approvals

- Grease Calcium Graphite 0 is recommended by PASCH and Co. FOR 'Bohlins RBL 2000' gas lubricators
- Grease Calcium Graphite 1 is approved by RENFE, Spanish railways
- Grease Calcium Graphite 2 & 3 are approved by RENFE and by METRO MADRID (Madrid subway)

Typical performance data

	0	1	2	3
Thickener, soap type	Calcium			
Base oil type	Mineral			
Base oil viscosity @ 40 °C, cSt	35	35	35	35
NLGI consistency class,	0	1	2	3
Penetration 60w, @ 25 °C	355/385	310/340	265/295	220/250
Working stability, after 10 ⁶ w	+/-35	+/-35	+/-15	+/-15
Dropping point, °C minimum, °C	105	120	120	120
Sulphated ashes, %	2.5	2.5	2.5	2.5
Water content, max, %	0.5	0.5	0.5	0.5
Free alkalinity, in Ca(OH) ₂ , max, %	0.3	0.3	0.3	0.3
Water washout resistance, %	5	5	5	5

All performance data on this Technical Data Sheet are indicative only and can vary during production

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