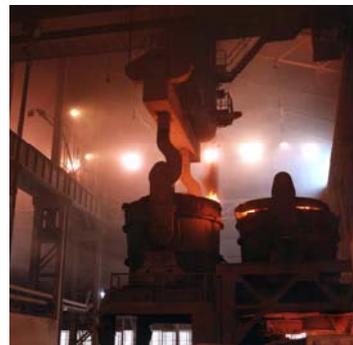


Carbaflo® 3701

Perfluorinated High Temperature EP Grease

Product description

CARBAFLO® 3701 is an high temperature grease for the lubrication of bearings working under extremely high temperatures and pressures. It is resistant against the most organic and inorganic solvents an acids and performs extreme high pressure properties. The non evaporating base oil enables excellent performance under high temperatures and pressures and very long relubrication intervals.



Ingredients

CARBAFLO® 3701 contains PTFE as thickener, Molybdenum disulphide, Fluorohydrocarbonpolymers, EP -, Anti-wear-, some corrosion protection-, de-watering- and high pressure-additives.

TEST	SPECIFICATION	RESULT
Appearance		pasty
Colour		Grey - black
Specific density (20°C)	IP 365 / 85	1,92 - 1,95 g/cm ³
ISO Grade (Base oil)		460
Viscosity cSt @ 20°C		1600
@ 40°C		440
@ 100°C		42
Viscosity index (Base oil)		135
NLGI - Grade		2
Drop point	IP 132 / 85	n.a.
Pure point	IP 15 / 86	—
Evaporation losses	204°C / 22 h	< 0,5%
Operating temperature		-30°C up to +288°C
Emcor Test	DIN 51802	0
4 Ball Test (107°C / 1 h)	ASTM D4172 B / 1200 ¹ / _{min} / 20kg	0,4
Coefficient of friction		0,08
Falex, Pin / V-block, max load		4500 lbs
Max torque at max load		65 lbs



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Advantage

CARBAFLO[®] 3701 is resistant against the most organic solutions and inorganic acids and has a better oxidation resistance than mineral or synthetic oils. It protects from corrosion and is non-toxic in the usable temperature range.

CARBAFLO[®] 3701 uses a base fluid with extremely low evaporation rate when compared with conventional lubricants, giving excellent durability at elevated temperatures.

CARBAFLO[®] 3701 has excellent extreme pressure properties, which work along the whole temperature range. The product is chemically inert and is not influenced by chemicals used for metalworking or coating.

CARBAFLO[®] 3701 has outstanding anti-wear properties and offers a long-term wear prevention and dramatic increase in cycle life.

CARBAFLO[®] 3701 has excellent dielectric properties which makes it ideal for lubricating of electrical components.

Application

The surfaces should be completely cleaned from dust, dirt, fingerprints, mineral oils or other synthetic oils than CARBAFLO[®] and so on.

Cleaning from CARBAFLO[®] 3701 can be done by CARBAFLO[®] 790