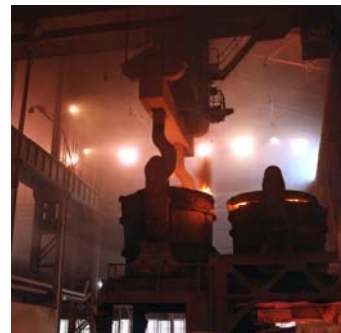


Carbaflo® 3631

Perfluorinated High Temperature Grease

Product description

CARBAFLO® 3631 is a medium consistency, extreme pressure grease, based on an extremely stable fluoropolymer fluid thickened with PTFE and with the addition of Molybdenum disulphide for enhanced EP properties. CARBAFLO® 3631 exhibits exceptional durability, high thermo-oxidative stability and a very wide operating temperature range. Typical applications include heavy loaded, slow moving bearings or mechanical devices operating through a very wide temperature range or in aggressive chemical environments



Ingredients

CARBAFLO® 3631 contains PTFE, Molybdenum disulphide, Fluorohydrocarbonpolymers, EP-, Anti-wear-, some corrosion protection-, de-watering- and high pressure-additives.

TEST	SPECIFICATION	RESULT
Appearance		soft, homogenous grease
Colour		black
Specific density (20°C)	IP 365 / 85	1,92 - 1,95 g/cm³
Viscosity, cSt @ 40°C		310
Viscosity index (base oil)		320
NLGI - grade	DIN 51818	2
Dropping point	IP 132 / 85	n. a.
Pure point	IP 15 / 86	
Evaporation losses 204°C	ASTM D2595	0,4
Working temperature		-60°C up to +260°C
Emcor - Test	DIN 51802	0

Advantage

CARBAFLO® 3631 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® 3631 uses a base fluid with extremely low evaporation rate when compared with conventional lubricants, giving excellent durability at elevated temperatures.

CARBAFLO® 3631 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® 3631 has outstanding anti wear properties and offers a long term wear prevention and dramatic increase in cycle life.

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® 3631 can be done by CARBAFLO® 790