PRODUCT - INFORMATION





Perfluorinated High Temperature Grease

Product description

CARBAFLO® 2260 is a high temperature resistant grease for the lubrication of high temperature bearings. It is resistant against organic alkaline and inorganic acids and exhibits excellent high pressure properties. The low evaporation rate of the base oil guarantees extended re-lubrication intervals at elevated temperatures, which often reach or are longer than the lifetime of the components.

CARBAFLO® 2260 has BAM -approval for the use with oxygen.



Ingredients

CARBAFLO® 2260 contains PTFE, Fluorohydrocarbonpolymers, EP-, Anti-wear-, corrosion protection-, dewatering- and high pressure-additives.

TEST	SPECIFICATION	RESULT			
Appearance		soft, homogenous, pasty			
Colour Density (20°C)	IP 365 / 85	white 1,9 g/cm³			
Cinematic viscosity		At 20°C : 1500 mm²/s			
Cinematic viscosity	IP 71 / 87	At 40°C: 500 mm²/s			
NLGI - grade	DIN 51818	2			
Dropping point	IP 132 / 85	> 230°C			
Pure point	IP 15 / 86				
Useful working temperature Emcor - Test	DIN 51802	-35°C up to +280°C (300°C)			

Advantage

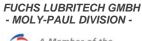
CARBAFLO® 2260 is resistant against the most organic solutions and inorganic acids and has a better oxidation resistance than mineral or synthetic oils. It protects from corrosion and in non toxic in the usable temperature range.

CARBAFLO® 2260 has excellent high 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® 2260 has outstanding dielectric properties and is suitable for the lubrication of electrical com-

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® 2260 can be done by CARBAFLO® 790









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Bearing test according to IP 168

TEST	Nr. 1	Nr. 2		
Testing time	500 h	500 h		
Temperature	150°C	175°C		
Rounds per minute	5000 1/min	4000 1/min		
Force	1334 N	1334 N		
Amount of grease	28 g	28 g		
bearing	RHP 16 MJ 40	RHP 16 MJ 40		

Comment

Bearings have been filled about 50% of their free space instead of the round about 30 ml, what is related to the high density of the CARBAFLO $^{^{\circ}}$ 2260 .

Result of the bearing test:

TEST		Nr. 1, Be	earing : B	Nr. 2, B A	earing : B
Wight losses of the grease 2g 2g to 5g 5g to 10g 10g and more Lt. IP: Item 1 a. 2 = passed	1. 2. 3. 4.	4,8	4,1	4,7	4,8
Evaluation of the used grease Unchanged or only minor change Major softening or hardening Lt. IP: Item 1 = passed	1. 2.	3	3	3	3
Change of colour or covered with residues of paint or hardened grease	1. 2. 3.	3	3	3	3
Evaluation of the wear at the bearing cage Up to 0,05 0,05 to 0,10 0,10 to 0,15 0,15 to 0,20 Lt. IP: Item 1 and 2 = passed	1. 2. 3. 4.	0,0637	0,077	0,034	0,06





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