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ANN. 02-P.11 of 16 - GREASES.

DANIELISTANDARD No. **0.000.001**Rev. **14** Pag. **45** Di/Of **50**Sostituisce
Replaces**A02.2d** - Tipo DIN 51502 - **KPF2K-20** (Tipo 26).

Lubrificazione cuscinetti molto caricati, velocità lente.

A02.2d - Type DIN 51502 - **KPF2K-20** (Type 26).

Lubrication of heavy loaded and slow bearings.

Tab. A02.2d/1

Ex. des.: 0.151160.L - Grease KPF2K-20
DIN 51825
T.26 N 0.000.001
Cert. EN10204 - 2.2

Design. DIN 51502	Design. ISO 6743-9	Worked Penetration DIN ISO 2137		Consistence NLGI DIN 51818	DANIELI CODE
		Min	Max		
	L-XACEB 2	265	295	2	Type 26 0.151160.L

 Preferibili ma non obbligatori.
Preferred but not mandatory.
Caratteristiche

Ottima efficacia lubrificante in presenza di vibrazioni e sollecitazioni d'urto.
Ottima resistenza contro ossidazione, corrosione, condense, acqua.
Temperatura max 120°C.
Additivato EP, alta adesività.
Conformi DIN 51825.

Characteristics

Excellent lubricating efficiency in the presence of vibrations and impacts.
Excellent resistance against oxidation, condensation, water.
Max temperature 120°C.
Contains EP additives. High adhesivity.
Meet DIN 51825

Tab. A02.2d/2

Physical characteristics			
Characteristics	STD ref.	U.M.	Value
Thickener	Lithium-12-hydroxystearate or better		
Dropping Point	ISO 2176	°C	> 180
	ASTM D 2265		
Oxydation stability	ASTM D 942.1P142	bar	0,2
Oil Viscosity @ 40°C (kinematic)	DIN 51562	cSt	> 220
	ASTM D 445		
Oil Viscosity @ 100°C (kinematic)	DIN 51562	cSt	-
	ASTM D 445		
Water washout @ 79°C 1h	ASTM D 1264	% wt	6
Worked Penetration @ 25°C	ISO 2137	mm/10	265+295
	ASTM D 217		
Change in worked penetration after 100000 DS	ISO 2137 chap.1		≤ 30
ASTM D 217			
Corrosion tests			
Characteristics	STD ref.	U.M.	Value
Corrosion-prevention	ASTM D 1743	Rating	N 21
SKF Eموor corrosion test	DIN 51802	Level	0 and 0
Wear characteristics			
Characteristics	STD ref.	U.M.	Value
4-Ball wear test 60 kg 1200 g/1'	ASTM D 2266	wear mm	≤ 0,6
4-Ball EP test (wet point)	ASTM D 2596	kg	≥ 250
Timken EP test (OK load)	ASTM D 2509	pounds	> 50
FZG gear test	DIN 51354-1/2	Pass stage	-
Mech.-dyn. test FAG FE 9, A/1500/6000 F ₅₀ over 100h	DIN 51821-2	°C	120

Tab. A02.2d/3

BRANDS COMPARISON	
SOCIETY	MARK
AGIP	ROCOL SAPPHIRE 2
AXEL CHRISTIERN.	ACINOL 152 EPM 3
BECHER	HIGH-LUB FA 50 M0
BP	ENERGREASE LS-EP 2 HD
BROOKS	SUPERLITH 220-2
BRUGAROLAS	G. BESLUX PLEX-2
CHEVRON	ULTRA-DUTY GREASE EP 2 (1)
FUCHS	RENOLIT FLM 502
KLÜBER	KLÜBERLUB BE 41-542
MOBIL	MOBILGREASE HP322 SPECIAL
SHELL	ALVANIA HDX 2
TEXACO	MOLYTEX EP2
TOTAL	CERAN HV
TRIBOL	MOLUB ALLQY 860/220-2
VISCOL	SIGNAL GREN AW SPECIAL AR 2

(1): Only for USA market.

