











Approved lubricants for 'FLENDER gear units' and geared motors T 7300



Table A-c 'Standard PAO oils for FLENDER helical, bevel-helical, planetary gear boxes and 'Marine gear units without multi-disk clutches' as well as geared motors'

revision: 13 December 2013











FLENDER gear units		Table A-c 'Standard PAO oils for FLENDER helical, bevel-helical, planetary gear boxes and 'Marine gear units without multi-disk clutches' as well as geared motors'					T 7300 2013-12-13	
printed lists are not obligatory --- the current version is to be found using the following link http://support.automation.siemens.com/WW/view/en/44231658								
Brand name	Viscosity class DIN ISO 3348 at 40 °C (mm²/s)							
	ISO VG 100	ISO VG 150	ISO VG 220	ISO VG 320	ISO VG 460	ISO VG 680	ISO VG 1000	
	FLENDER Code No.							
	A37	A36	A35	A34	A33	A32	A31	
Poly-α-olefins								
 ADDINOL	*)		ECO GEAR 220 S	ECO GEAR 320 S	ECO GEAR 460 S	ECO GEAR 680 S		
 AMPSOIL			Synthetic Power Transmission EP Gear Oil 220	Synthetic Power Transmission EP Gear Oil 320	Synthetic Power Transmission EP Gear Oil 460			
 Anderol			Anderol 5220 Plus	Anderol 5320 Plus	Anderol 5460 Plus	Anderol 5680 Plus		
 AVIA	SYNTOGEAR PE 100	SYNTOGEAR PE 150	SYNTOGEAR PE 220 EVOGEAR SX 220	SYNTOGEAR PE 320 EVOGEAR SX 320	SYNTOGEAR PE 460 EVOGEAR SX 460	SYNTOGEAR PE 680 EVOGEAR SX 68		
 BASF			Emgard Gear Ultra 220	Emgard Gear Ultra 320	Emgard Gear Ultra 460			
 Bel-Ray			Synthetic Gear Oil 6690	Synthetic Gear Oil 6692	Synthetic Gear Oil 6694	Synthetic Gear Oil 6696		
 Bharat Petroleum			MAK Syngear 220	MAK Syngear 320	MAK Syngear 460	MAK Syngear 680		
 Castrol classic			Alphasyn EP 220	Alphasyn EP 320	Alphasyn EP 460	Alphasyn EP 680		
 CEPSA			AEROGEAR SYNT 220	AEROGEAR SYNT 320	AEROGEAR SYNT 460			
 Fuchs	RENOLYN UNISYN CLP 100	RENOLYN UNISYN CLP 150	RENOLYN UNISYN CLP 220	RENOLYN UNISYN CLP 320	RENOLYN UNISYN CLP 460	RENOLYN UNISYN CLP 680		








FLENDER gear units

Table A-c 'Standard PAO oils for FLENDER helical, bevel-helical, planetary gear boxes and 'Marine gear units without multi-disk clutches' as well as geared motors'

T 7300
2013-12-13

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Poly- α -olefins							
 Fuchs Lubritech	GEARMASTER SYN 100	GEARMASTER SYN 150	GEARMASTER SYN 220	GEARMASTER SYN 320	GEARMASTER SYN 460	GEARMASTER SYN 680	GEARMASTER SYN 1000
 Hindustan Petroleum			Parthan EP SA 220	Parthan EP SA 320	Parthan EP SA 460		
 Indian Oil			Servosyngear Plus 220	Servosyngear Plus 320	Servosyngear Plus 460	Servosyngear Plus 680	
 LOTOS OIL			Transmil Synthetic 220	Transmil Synthetic 320			
 Mobil		Mobil SHC 629	Mobil SHC 630	Mobil SHC 632	Mobil SHC 634	Mobil SHC 636	Mobil SHC 639
		Mobil SHC Gear 150	Mobil SHC Gear 220	Mobil SHC Gear 320	Mobil SHC Gear 460	Mobil SHC Gear 680	Mobil SHC Gear 1000
 MOTOREX		GEAR SYNTEC CLP 150	GEAR SYNTEC CLP 220	GEAR SYNTEC CLP 320	GEAR SYNTEC CLP 460		
 ORLEN OIL			TRANSGEAR PE 220	TRANSGEAR PE 320	TRANSGEAR PE 460	TRANSGEAR PE 680	TRANSGEAR PE 1000
 OMV Petrol Ofisi			Gravis SP 220	Gravis SP 320	Gravis SP 460	Gravis SP 680	
 PETRO-CANADA			Enduratex Synthetic EP 220	Enduratex Synthetic EP 320	Enduratex Synthetic EP 460		
 PETROFER		GEARLUBRIC HC 150	GEARLUBRIC HC 220	GEARLUBRIC HC 320	GEARLUBRIC HC 460		

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Poly-α-olefins								
 Phillips 66				SYNCON® WTL 320				
 REPSOL YPF			Super Tauro Sintetico 220	Super Tauro Sintetico 320	Super Tauro Sintetico 460			
 setral Competence in Lubricants			SYN-setral-GEAR 220	SYN-setral-GEAR 320	SYN-setral-GEAR 460	SYN-setral-GEAR 680		
 Shell		Shell Omala S4 GX 150	Shell Omala S4 GX 220	Shell Omala S4 GX 320	Shell Omala S4 GX 460	Shell Omala S4 GX 680		
 奥吉娜化工 ORIGINAL CHEMICAL Shenyang			Originalk SHG Extratrans 220	Originalk SHG Extratrans 320				
 SINOPEC 长城润滑油 SINOPEC			Great Wall AP-S 220	Great Wall AP-S 320	Great Wall AP-S 460	Great Wall AP-S 680		
 TOTAL			CARTER SH 220	CARTER SH 320	CARTER SH 460	CARTER SH 680	CARTER SH 1000	

*) For gear motors in low temperature use the gear oil Addinol Eco Gear PAO 68 S is also approved.