

Approved lubricants

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Freigegebene Schmierstoffe

T 7300




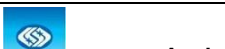




Table A-c Standard PAO oils for FLENDER helical, bevel-helical, planetary gear boxes and  
'Marine gear units without multi-disk clutches'



















Tabelle A-c Standard-PAO-Öle für FLENDER Stirnrad-, Kegelarad-, Planetengetriebe und  
'Marinegetriebe ohne Lamellenkupplung'









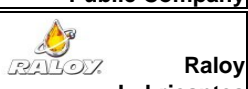
revision: 13 August 2018









Revision: 13. August 2018

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'						T 7300
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Viscosity class DIN ISO 3348 at 40 °C (mm <sup>2</sup> /s). --- Viskositätsklasse DIN ISO 3348 bei 40 °C (mm <sup>2</sup> /s)								
Brand name	ISO VG 100	ISO VG 150	ISO VG 220	ISO VG 320	ISO VG 460	ISO VG 680	ISO VG 1000	
Markenname	FLENDER Code No. --- FLENDER-Kennziffer							
	A37	A36	A35	A34	A33	A32	A31	
Poly- $\alpha$ -olefins. --- Poly- $\alpha$ -Olefine								
 ADDINOL				ECO GEAR 320 S	ECO GEAR 460 S	ECO GEAR 680 S		
 AMSOIL		Synthetic Power Transmission EP Gear Oil 150	Synthetic Power Transmission EP Gear Oil 220	Synthetic Power Transmission EP Gear Oil 320	Synthetic Power Transmission EP Gear Oil 460			
 ANDEROL		Anderol 5150 Plus	Anderol 5220 Plus	Anderol 5320 Plus	Anderol 5460 Plus	Anderol 5680 Plus		
 Anshan Haihua Oil		Lubricants for wind turbine: Gearbox oils 150	Lubricants for wind turbine: Gearbox oils 220	Lubricants for wind turbine: Gearbox oils 320	Lubricants for wind turbine: Gearbox oils 460	Lubricants for wind turbine: Gearbox oils 680		
 Bantleon			Avilub Gear SX 220	Avilub Gear SX 320	Avilub Gear SX 460	Avilub Gear SX 680		
 BASF		Emgard EP XE 150	Emgard EP XE 220	Emgard EP XE 320	Emgard EP XE 460	Emgard EP XE 680		
 BayWa AG			TECTROL GEAR CLP SYN 220	TECTROL GEAR CLP SYN 320				
 Bel-Ray			Synthetic Gear Oil 220	Synthetic Gear Oil 320	Synthetic Gear Oil 460	Synthetic Gear Oil 680		

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Poly- $\alpha$ -olefins. --- Poly- $\alpha$ -Olefine								
 <b>Bharat Petroleum</b>			MAK Syngear 150	MAK Syngear 220	MAK Syngear 320	MAK Syngear 460	MAK Syngear 680	
 <b>Caltex Australia Ltd</b>				Gearlube SF 220	Gearlube SF 320	Gearlube SF 460	Gearlube SF 680	
 <b>Castrol</b>				Alphasyn EP 220	Alphasyn EP 320	Alphasyn EP 460	Alphasyn EP 680	
			Optigear Synthetic PD 150 ES	Optigear Synthetic PD 220 ES	Optigear Synthetic PD 320 ES	Optigear Synthetic PD 460 ES		
 <b>CEPSA</b>					AEROGear SYNT 320			
 <b>COGELSA</b>			ULTRASYN <sup>®</sup> EP 150	ULTRASYN <sup>®</sup> EP 220	ULTRASYN <sup>®</sup> EP 320	ULTRASYN <sup>®</sup> EP 460	ULTRASYN <sup>®</sup> EP 680	
 <b>Engen Petroleum Ltd.</b>				Gengear SPL A-220	Gengear SPL A-320	Gengear SPL A-460	Gengear SPL A-680	
 <b>Fuchs</b>			RENOLYN UNISYN XT 150	RENOLYN UNISYN XT 220	RENOLYN UNISYN XT 320	RENOLYN UNISYN XT 460	RENOLYN UNISYN XT 680	RENOLYN UNISYN XT 1000
					RENOLYN UNISYN CLP 320	RENOLYN UNISYN CLP 460	RENOLYN UNISYN CLP 680	
 <b>Fuchs Lubritech</b>					GEARMASTER SYN 320	GEARMASTER SYN 460	GEARMASTER SYN 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'					T 7300	
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Poly- $\alpha$ -olefins. --- Poly- $\alpha$ -Olefine								
 Gulf Oil International		Gulf EP Lubricant SY 150	Gulf EP Lubricant SY 220	Gulf EP Lubricant SY 320	Gulf EP Lubricant SY 460	Gulf EP Lubricant SY 680		
 Hindustan Petroleum		Parthan EP SA 150	Parthan EP SA 220	Parthan EP SA 320	Parthan EP SA 460	Parthan EP SA 680		
 Indian Oil		Servosyngear Plus 150	Servosyngear Plus 220	Servosyngear Plus 320	Servosyngear Plus 460	Servosyngear Plus 680		
 Klüber		Klübersynth GEM 4 - 150 N	Klübersynth GEM 4 - 220 N	Klübersynth GEM 4 - 320 N	Klübersynth GEM 4 - 460 N	Klübersynth GEM 4 - 680 N		
 Lubritech Limited			GEP Synogear Super CKT 220	GEP Synogear Super CKT 320	GEP Synogear Super CKT 460	GEP Synogear Super CKT 680		
		GRANTT Fully Synth. Gear Oil CKT 150	GRANTT Fully Synth. Gear Oil CKT 220	GRANTT Fully Synth. Gear Oil CKT 320	GRANTT Fully Synth. Gear Oil CKT 460	GRANTT Fully Synth. Gear Oil CKT 680		
 Lukoil		Lukoil Steelo Synth 150 Lukoil Steelo S 150	Lukoil Steelo Synth 220 Lukoil Steelo S 220	Lukoil Steelo Synth 320 Lukoil Steelo S 320	Lukoil Steelo Synth 460 Lukoil Steelo S 460	Lukoil Steelo Synth 680 Lukoil Steelo S 680		
 Mobil		Mobil SHC 629	Mobil SHC 630	Mobil SHC 632	Mobil SHC 634	Mobil SHC 636	Mobil SHC 639	
		Mobil SHC Elite 150	Mobil SHC Elite 220	Mobil SHC Elite 320	Mobil SHC Elite 460	Mobil SHC Elite 680		
		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 SINTEC CLP 150	GEAR SINTEC CLP 220	GEAR SINTEC CLP 320	GEAR SINTEC CLP 460	GEAR SINTEC CLP 680		

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Poly- $\alpha$ -olefins. --- Poly- $\alpha$ -Olefine								
 ORLEN OIL				TRANSGEAR PE 220	TRANSGEAR PE 320	TRANSGEAR PE 460	TRANSGEAR PE 680	
 OMV Petrol Ofisi			Gravis SP 150	Gravis SP 220	Gravis SP 320	Gravis SP 460	Gravis SP 680	
 PANOLIN AG				TECSYNTH FL 220				
 PETRO-CANADA			Enduratex Synthetic EP 150	Enduratex Synthetic EP 220	Enduratex Synthetic EP 320	Enduratex Synthetic EP 460		
 galp energia PETROGAL			GALP TRANSGEAR SY FA 150	GALP TRANSGEAR SY FA 220	GALP TRANSGEAR SY FA 320	GALP TRANSGEAR SY FA 460		
 PETRONAS			Petronas Gear Syn PAO 150	Petronas Gear Syn PAO 220	Petronas Gear Syn PAO 320	Petronas Gear Syn PAO 460	Petronas Gear Syn PAO 680	
 Phillips 66					SYNCON® WTL 320			
 PTT Public Company				PTT Drivera Synthetic S220	PTT Drivera Synthetic S320	PTT Drivera Synthetic S460	PTT Drivera Synthetic S680	
 RALOX Lubricantes			Raloy Syn-Tec Wind Turbines 150	Raloy Syn-Tec Wind Turbines 220	Raloy Syn-Tec Wind Turbines 320	Raloy Syn-Tec Wind Turbines 460	Raloy Syn-Tec Wind Turbines 680	

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Poly- $\alpha$ -olefins. --- Poly- $\alpha$ -Olefine								
 <b>Raj Petro Specialities</b>				ONWO SYNTHETIC GEAR OIL SF 220	ONWO SYNTHETIC GEAR OIL SF 320	ONWO SYNTHETIC GEAR OIL SF 460		
 <b>REPSOL YPF</b>			Super Tauro Sintetico 150	Super Tauro Sintetico 220	Super Tauro Sintetico 320	Super Tauro Sintetico 460		
 <b>Shanghai Hitecrun</b>			HITECSYN SMP Plus 150	HITECSYN SMP Plus 220	HITECSYN SMP Plus 320	HITECSYN SMP Plus 460	HITECSYN SMP Plus 680	
 <b>Shanxi Lu'an Taihang Lubricant</b>			Taihang Gear WT 150	Taihang Gear WT 220	Taihang Gear WT 320	Taihang Gear WT 460	Taihang Gear WT 680	
 <b>Shell</b>			Shell Omala S4 GXV 150	Shell Omala S4 GXV 220	Shell Omala S4 GXV 320 Shell Omala S5 Wind 320	Shell Omala S4 GXV 460	Shell Omala S4 GXV 680	
 <b>SINOPEC</b>			Great Wall AP-S 150 Great Wall 4408 HD 150 Great Wall WT Gearbox Oil 150	Great Wall AP-S 220 Great Wall 4408 HD 220 Great Wall WT Gearbox Oil 220	Great Wall AP-S 320 Great Wall 4408 HD 320 Great Wall WT Gearbox Oil 320	Great Wall AP-S 460 Great Wall 4408 HD 460	Great Wall AP-S 680 Great Wall 4408 HD 680	
 <b>Synolex</b>				Synolex Omega WD 220	Synolex Omega WD 320			
 <b>TOTAL</b>			CARTER SH 150	CARTER SH 220	CARTER SH 320	CARTER SH 460	CARTER SH 680	