










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



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

revision: 09 January 2013









FLENDER gear units		Table A-a 'Standard mineral oils for FLENDER helical, bevel-helical, planetary gear boxes and 'Marine gear units without multi-disk clutches' as well as geared motors'					T 7300 2013-01-09	
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.							
	A17	A16	A15	A14	A13	A12	A11	
Mineral oils								
 Addinol		Gear Oil 150 F	Gear Oil 220 F	Gear Oil 320 F	Gear Oil 460 F	Gear Oil 680 F		
		ECO GEAR 150 M	ECO GEAR 220 M	ECO GEAR 320 M	ECO GEAR 460 M	ECO GEAR 680 M		
 BP		Energol GR-XP 150	Energol GR-XP 220	Energol GR-XP 320	Energol GR-XP 460	Energol GR-XP 680		
 Castrol classic		Alpha SP 150	Alpha SP 220	Alpha SP 320	Alpha SP 460	Alpha SP 680		
 Castrol performance		Optigear BM 150	Optigear BM 220	Optigear BM 320	Optigear BM 460			
 Engen Petroleum Ltd.		Gengear XEP 150	Gengear XEP 220	Gengear XEP 320	Gengear XEP 460	Gengear XEP 680		
 Eni		Agip Blasias FMP 150	Agip Blasias FMP 220	Agip Blasias FMP 320	Agip Blasias FMP 460			
 Fuchs	RENOLIN CLP 100	RENOLIN CLP 150	RENOLIN CLP 220	RENOLIN CLP 320	RENOLIN CLP 460	RENOLIN CLP 680		
 Fuchs Lubritech	GEARMASTER CLP 100	GEARMASTER CLP 150	GEARMASTER CLP 220	GEARMASTER CLP 320	GEARMASTER CLP 460	GEARMASTER CLP 680		
 Gazpromneft		Reduktor F 150	Reduktor F 220	Reduktor F 320	Reduktor F 4600			





FLENDER gear units

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

T 7300
2013-01-09

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.						
	A17	A16	A15	A14	A13	A12	A11
Mineral oils							
 Klüber		Klüberoil GEM 1 - 150 N	Klüberoil GEM 1 - 220 N	Klüberoil GEM 1 - 320 N	Klüberoil GEM 1 - 460 N	Klüberoil GEM 1 - 680 N	Klüberoil GEM 1 - 1000 N
 LUKOIL		LUKOIL STEELO 150	LUKOIL STEELO 220	LUKOIL STEELO 320	LUKOIL STEELO 460		
 Mobil	Mobilgear 600 XP 100	Mobilgear 600 XP 150	Mobilgear 600 XP 220	Mobilgear 600 XP 320	Mobilgear 600 XP 460	Mobilgear 600 XP 680	
 MOL-LUB Ltd.		MOL Ultrans EP 150	MOL Ultrans EP 220	MOL Ultrans EP 320	MOL Ultrans EP 460		
 MOTOREX	GEAR COMPOUND PLUS 100	GEAR COMPOUND PLUS 150	GEAR COMPOUND PLUS 220	GEAR COMPOUND PLUS 320	GEAR COMPOUND PLUS 460	GEAR COMPOUND PLUS 680	
 NYCO		Nycolube 8340	Nycolube 8350	Nycolube 8360			
 PERTAMINA Pertamina		MASRI SUPER FLG 150	MASRI SUPER FLG 220	MASRI SUPER FLG 320	MASRI SUPER FLG 460		
 Q8 Q8-Kuweit Petroleum		Q8 Goya NT 150	Q8 Goya NT 220	Q8 Goya NT 320	Q8 Goya NT 460		

FLENDER gear units		Table A-a 'Standard mineral oils for FLENDER helical, bevel-helical, planetary gear boxes and 'Marine gear units without multi-disk clutches' as well as geared motors'					T 7300 2013-01-09	
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.							
	A17	A16	A15	A14	A13	A12	A11	
Mineral oils								
 Setral Competence in Lubricants		MI-setral-GEAR 150	MI-setral-GEAR 220	MI-setral-GEAR 320	MI-setral-GEAR 460	MI-setral-GEAR 680		
 STATOIL		LoadWay EP 150	LoadWay EP 220	LoadWay EP 320	LoadWay EP 460	LoadWay EP 680		
 TOTAL			CARTER EP 220	CARTER EP 320	CARTER EP 460	CARTER EP 680	CARTER EP 1000	
 Verkol Lubricantes		COMPOUND MP 150	COMPOUND MP 220	COMPOUND MP 320	COMPOUND MP 460	COMPOUND MP 680		