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SPECIFICATION ACHAT HUILE TOUTES TG

ORDERING SPECIFICATION FOR LUBE OIL - AL

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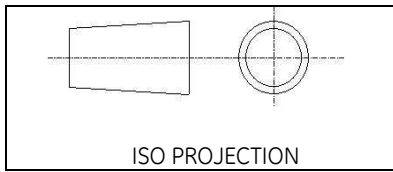
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N° 103T4774



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SHT. N

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REV	N° IM	NAMES	DATE
-		Première édition - <i>First issue</i>	05 MAY 2012
Pour le suivi des modifications, voir section Index - Seules les révisions A et les 5 dernières sont listées ci dessus			
<i>For status of modifications, see Section Index - Only rev A and last 5 rev are listed here above</i>			

First made for : All frames		MLI : A990 & A995		
UNLESS OTHERWISE SPECIFIED	NOMS PREMIERE EDITION <i>NAMES FIRST EDITION</i>	 GE Energy SPECIFICATION D'ACHAT POUR CHARGES D'HUILE TOUTES TG ORDERING SPECIFICATION FOR ALL FRAMES OIL PURCHASE		
DIMENSIONS ARE IN MM [INCHES]	DRAWN K. Gadret			
TOLERANCES ON: 1 {2} PL DECIMALS ±	CHECKED S. Belperron			
2 {3} PL DECIMALS ±	APPROVED D. Deloge			
ANGLES ±		INDEX		
FRACTIONS ± 				
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HISTORIQUE DES MODIFICATIONS / HISTORY OF MODIFICATIONS

Rev	DESCRIPTION française	English description
-	Première édition	<i>First issue</i>
A		

NOTES :


- ❖ Q8 will be used as the abbreviation of Kuwait (Q8) Petroleum international
- ❖ Oil brand DTE 832 from MOBIL is a new name of oil brand EF 60 MD, oil characteristics are unchanged.
- ❖ Oil brand DTE AW 32 from MOBIL will disappear from Europe.
- ❖ Oil brands range TERESSTIC from EXXON-MOBIL is replacing TERESSO from ESSO.

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1) GT 6B (GEK 28143)

Oil quality	List of approved oil brands		Oil quantity and article number
	Manufact.	Brand reference	
Lube oil first fill for GT 6B			
According to GEK 28143 with: FZG gear rig test: failure load stage = 9 minimum and TOST higher or = to 3000 hours	CASTROL	PERFECTO AWT 32	103T4774 P0001 = Normal first fill (7200 litres mini)
	ESSO	TERESSTIC GT EP32	<u>If ship freight</u> : 36 drums of 200 litres (=7200 litres) or 35 drums of 209 litres (=7315 litres)
	MOBIL	DTE AW 32	<u>If local freight</u> : 5000 litres in tank truck + 11 drums of 200 litres =(5000+2200) litres or 5000 litres in tank truck + 11 drums of 209 litres =(5000+2299) litres
	MOBIL	DTE 832	103T4774 P0002 = First fill with 10% more (7900 litres mini) (If required by the Contract or for a Country difficult to re-supply)
	SHELL	TURBO GT EP 32	<u>If ship freight</u> : 40 drums of 200 litres (=8000 litres) or 38 drums of 209 litres (=7942 litres)
	SHELL	TURBO CC 32	<u>If local freight</u> : 5000 litres in tank truck + 15 drums of 200 litres =(5000+3000) litres or 5000 litres in tank truck + 14 drums of 209 litres = (5000+2926) litres
	TOTAL	PRESLIA GT 32	
	Q8	VOLTA EP 32	
All lube oil brands approved for GT 6FA & 6FA+e (See sheet 5) are also suitable to GT 6B.			
Topping-up for GT 6B for one year working			
Oil brand of the topping-up charge must absolutely be the same as the current brand in the GT tank.		103T4774 P0003 for GT equipped with an oil mist eliminator skid (200 litres mini)	
		1 drum of 200 litres or of 209 litres	
		103T4774 P0004 for GT without oil mist eliminator skid (2000 litres mini)	
		10 drums of 200 litres (=2000 litres) or of 209 litres (=2090 litres)	
Flushing oil for GT 6B			
Oil brand for flushing must be the same used for first fill.		103T4774 P0005 (3000 litres mini)	
		15 drums of 200 litres (=3000 litres) or of 209 litres (=3135 litres)	

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2) GT 6C (GEK 101941)

Oil quality	List of approved oil brands		Oil quantity and article number
	Manufact.	Brand reference	
110% First fill for GT 6C			
According to GEK 101941 with: FZG gear rig test: failure load stage = 9 minimum	CASTROL	PERFECTO HPG 32	103T4774 P0011 = First fill (= 14400 litres mini on the whole)
	ESSO	TERESSTIC GT EP 32	
	MOBIL	DTE 832	<u>If ship freight:</u> 72 drums of 200 litres (=14400 litres) or 69 drums of 209 litres (=14421 litres)
	SHELL	TURBO GT EP 32	
	SHELL	TURBO CC 32	<u>If local freight:</u> 11000 litres in tank truck+17 drums of 200 litres (=11000+3400) litres or 11000 litres in tank truck + 17 drums of 209 litres = (11000+3553) litres
TOTAL	PRESLIA GT 32		
Q8	VOLTA EP 32		
Flushing lube oil for GT 6C			
Oil brand for flushing must be the same as the brand used for definitive first fill. Sale price of this flushing oil charge shall include its taking back by the Supplier after its use on Site.		103T4774 P0012 = Flushing oil (= 11000 litres mini on the whole)	
		<u>If ship freight:</u> 55 drums of 200 litres (=11000 litres) or 53 drums of 209 litres (=11077 litres)	
		<u>If local freight:</u> 11000 litres in tank truck	

NOTE :

Lube oil brands to be used for GT6C are exactly the same as for GT 6FA and 6FA+e.

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3) GT 6FA AND GT 6FA+E (GEK 101941)

Oil quality	List of approved oil brands		Oil quantity and article number
	Manufact.	Brand reference	
Flushing lube oil and 110% first fill for GT 6FA and 6FA+e See also purchase specification 91.437539 which applies only to GT 6F and 6FA+e.			
Oil brand for flushing must be the same as for first fill. But it is yet possible to use a base oil i.e. without additives for flushing operation. In this case it is of <u>prime importance</u> to entirely collect it back from Site by the Supplier before GT starting otherwise the potential exists to seriously damage the GT.		103T4774 P0021 = Flushing oil (= 15000 litres mini) 15000 litres in bulk truck, taken back by the Supplier after flushing completion. If flushing oil is the same brand as for first fill it is possible to re-used the flushing charge for first fill but after its filtration and analysis by the Supplier; this requires the approval of our technical department.	
According to GEK 101941 with: FZG gear rig test: failure load stage = 9 minimum	CASTROL	PERFECTO HPG 32	103T4774 P0022 = 110% First fill (= 24000 litres mini on the whole) <u>If it is possible to re-used the 15000 litres of the flushing charge</u> : It must be added : 6000 litres in bulk truck + 15 drums of 200 litres (= 3000 litres). or + 15 drums of 209 litres (=3135 litres). <u>If it is not possible to re-used the 15000 litres of the flushing charge</u> : 21000 litres in bulk truck + 15 drums of 200 litres (= 3000 litres). or + 15 drums of 209 litres (=3135 litres).
	ESSO	TERESSTIC GT EP 32	
	MOBIL	DTE 832	
	SHELL	TURBO GT EP 32	
	SHELL	TURBO CC 32	
	TOTAL	PRESLIA GT 32	
	Q8	VOLTA EP 32	

NOTE :

The anti-wear properties of these above mentioned oil brands are:


CASTROL	PERFECTO HPG 32	FZG failure load stage = 10
ESSO	TERESSTIC GT EP 32	FZG failure load stage = 10
MOBIL	DTE 832	FZG failure load stage = 9
SHELL	TURBO GT EP 32	FZG failure load stage = 9
SHELL	TURBO CC 32	FZG failure load stage = 9
TOTAL	PRESLIA GT 32	FZG failure load stage = 10
Q8	VOLTA EP 32	FZG failure load stage = 9

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4) GT 9E (GEK 32568)


Oil quality	List of approved oil brands		Oil quantity and article number	
	Manufact.	Brand reference		
Lube oil first fill for GT 9E				
According to GEK 32568	CALTEX	TURBINE OIL 32	103T4774 P0031 = Normal first fill (14400 litres mini) <i>If ship freight:</i> 72 drums of 200 litres (=14400 litres) or 69 drums of 209 litres (=14421 litres)	
	CASTROL	PERFECTO AWT 32		
	ESSO	TERESSTIC GT 32	<i>If local freight:</i> 12500 litres in tank truck+10 drums of 200 litres (=12500+2000) litres or 12500 litres in tank truck + 10 drums of 209 litres = (12500+2090) litres	
	MOBIL	DTE 724 or DTE 832		
	SHELL	TURBO GT 32	103T4774 P0032 = First fill with 10% more (15800 lit mini) (If required by the Contract or for a Country difficult to re-supply) <i>If ship freight:</i> 79 drums of 200 litres (=15800 litres) or 76 drums of 209 litres(=15884 litres) <i>If local freight:</i> 12500 litres in tank truck+17 drums of 200 litres (=12500+3400) litres or 12500 litres in tank truck + 16 drums of 209 litres (=12500+3344) litres	
	SHELL	TURBO CC 32		
TOTAL	PRESLIA GT 32			
MOBIL	DTE 732			
	Q8	VOLTA EP 32		
Topping-up for GT 9E for one year working				
Oil brand of the topping-up charge must absolutely be the same as the current brand in the GT tank.		103T4774 P0033 for GT equipped with an oil mist eliminator skid (600 litres mini)	3 drums of 200 litres (=600 litres) or 3 drums of 209 litres(=627 litres)	
		103T4774 P0034 for GT without oil mist eliminator skid (5800 litres mini)		
				29 drums of 200 litres (=5800 litres) or 28 drums of 209 litres(=5852 litres)
Flushing oil for GT 9E				
Oil brand for flushing must be the same used for first fill.		103T4774 P0035 (9400 litres mini)	47 drums of 200 litres (=9400 litres) or 45 drums of 209 litres (=9405 litres)	

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5) GT 9FB MULTI-SHAFT (GEK 32568)

Oil quality	List of approved oil brands		Oil quantity and article number
	Manufact.	Brand reference	
Lube oil first fill for GT 9FB Multi-Shaft			
According to GEK 32568	CALTEX	TURBINE OIL 32	103T4774 P0041 = Normal First fill (27000 litres mini) 20000 litres in bulk truck + 35 drums of 200 litres (=7000 litres). or + 34 drums of 209 litres (=7106 litres).
	CASTROL	PERFECTO AWT 32	
	ESSO	TERESSTIC GT 32	
	MOBIL	DTE 724 or DTE 832	
	SHELL	TURBO GT 32	
	SHELL	TURBO CC 32	
	TOTAL	PRESLIA GT 32	
	MOBIL	DTE 732	
	Q8	VOLTA EP 32	
			20000 litres in bulk truck + 49 drums of 200 litres (=9800 litres). or + 47 drums of 209 litres (=9823 litres).
Flushing oil for GT 9FB Multi-Shaft			
Oil brand for flushing must be the same used for first fill.		103T4774 P0043 = Flushing oil (18500 litres mini)	
		The oil will be taken back by the Supplier after flushing completion.	

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