



SASOL/TOTAL MARKETING SPECIFICATION

PRODUCT: LIQUEFIED PETROLEUM GAS

REVISION: 3 DATE : 19 JANUARY 2004

**CODES : SASOL ONE : 11/11
 : NATREF : 12/11
 : SECUNDA : 211/11**

RECORD OF AMENDMENT

CHANGES MADE TO PREVIOUS SPECIFICATION, INCORPORATED IN THIS REVISION	REASON
<p><u>REVISION 1 : 01 AUGUST 1994</u></p> <p>1. Test methods : Dates added to indicate latest version used.</p> <p><u>REVISION 2 : 23 NOVEMBER 1999</u></p> <p>1. Vapour pressure limit range was changed.</p> <p><u>REVISION 3: 19 JANUARY 2004</u></p> <p>1. Delete stenching agent as property</p>	<p>As per the agreement at the meeting held on 3 May 1994.</p> <p>As per the e-mail from Dr. JJ Botha and R Goosen dated 19 November 1999.</p> <p>As per e-mail from Nico Esterhuyse dated 19 January 2004</p>



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PROPERTY	UNITS	LIMITS	TEST METHOD		NOTE
			ASTM	IP	
1. Total Acetylenes	moles %	2,0 max	D2163	264/85	1
2. Total C2 hydrocarbons	moles %	max	D2163	264/85	1
3. Total Ethylene	moles %	1,0 max	D2163	264/85	1
4. Total Dienes	moles %	10,0 max	D2163	264/85	1
5. Total C5 & higher hydrocarbons content (calculated as n-Pentane)	moles %	2,0 max	D2163	264/85	1
6. Vapour pressure at 37,8 °C	kPa	750 - 1050	D1267 or D2598	161/80	
7. Copper corrosion (1h @ 37,8 °C)		1 max	D1838		
8. Free water content (no visible water)		None	D1657		2
9. Total sulphur	mass %	0,02 max	D2784	243/89	
10. Residue: (a) On evaporation (b) Oil stain (ring after 2 min)	ml	0,05 max None	D2158	317/93	
11. Density @ 20 °C	kg/ℓ	0,520 min	D1657 or D2598	235/92	

NOTES:

1. Or other acceptable method.
2. Use a hydrometer cylinder as described in ASTM D1657/89 to establish (visually) the presence or absence of free water.

APPROVED:


H Loubser

Manager: Manufacturing, Supply and Trading


JJ Botha

Manager: Technology

THIS SPECIFICATION WAS SIGNED AND APPROVED BY THE SUPPLY AND TECHNICAL MANAGERS OF SASOL OIL (PTY) LTD OR THEIR AUTHORIZED DELEGATES. THE SPECIFICATIONS ADMINISTRATOR AT SASOL OIL (PTY) LTD, RANDBURG, KEEPS THE ORIGINAL.