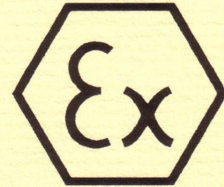


**Intertek**

**ETL SEMKO**



1. **TYPE EXAMINATION CERTIFICATE**

2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**

3. Type Examination Certificate Number: **ITS04ATEX11797**

4. Equipment or Protective System: **LUBETECH RANGE OF PUMPS**

5. Manufacturer: **TUTHILL PUMP GROUP**

6. Address: **Ilkeston, Derbyshire DE1 8YA**

7. This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8. Intertek Testing and Certification Limited certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive 94/9/EC of 23 March 1994

The examination and test results are recorded in confidential Report Number:  
Intertek Report Ref 03012644 Issue 1, dated April 2004

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 13463-1: 2001 and prEN13463-5: 2003 except in respect of those requirements referred to at item 18 of the Schedule.

10. If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11. This Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate..

12. The marking of the equipment or protective system shall include the following:-



II 2 G (See schedule for temperature classification)

**Intertek Testing & Certification Limited**  
Intertek House, Cleeve Road, Leatherhead, Surrey, KT22 7SB  
Tel: + 44 (0)1372 370900 Fax: +44 (0)1372 370977  
<http://www.uk.etlsemko.com/>  
Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

**A T Austin**  
**Head of Department**  
7 May 2004

This certificate may only be reproduced in its entirety and without any change, schedule included. and is subject to Intertek Testing and Certification Conditions for Granting Certification .



# Intertek ETL SEMKO

## 13 Schedule

### 14 TYPE EXAMINATION CERTIFICATE NUMBER ITS04ATEX11797

Number	Rev	Date	Description
1010-026 Sh 1	5	21.4.00	Body m/c
1010-026 Sh2	5	21.4.00	Flange mounting details
23097-B*	-	9.29.00	Idler assembly
25194-B*	-	3.29.00	Housing plug
A1018UK	1	15.08.01	Ball sleeve
A1039UK	3	24.04.02	Seal ring
A1041UK	2	13.11.02	Spring cup
A1042UK	2	29.3.00	Carbon insert
A1172UK	1	11.12.97	Washer
A1195UK	3	30.9.97	Carbon seal holder
A1381UK	-	16.10.01	Spring - mech seal
22119-C*	1	12.7.98	Rotor
<b>1012, 1014, 1015 and 1017 series</b>			
-	-	-	Installation and service instructions
1017-036 Sh1	-	8.12.00	Body m/c
1017-036 Sh2	-	8.12.00	Body m/c
1015-012	3	21.5.99	Bearing/seal housing
18082-B*	3	7.25.96	Valve spring
19439-A*	4	11.10.98	Valve assembly
23673-C*	4	4.10.01	Cover sub-assembly
24425-A*	-	11.30.01	Idler sub-assembly
A1003UK	3	26.1.99	Abutment collar
A21615UK	-	21.12.98	Rotor
<b>GR20 Gerotor</b>			
-	-	-	Installation and service instructions

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## 13 Schedule

14 TYPE EXAMINATION CERTIFICATE NUMBER ITS04ATEX11797

## 15. DESCRIPTION OF EQUIPMENT OR PROTECTIVE SYSTEM

The Lubetech range of Pumps comprising the following pump types:

1008 and 1010 series

1012, 1014, 1015 and 1017 series

GR20 Gerotor

L Series

C Series

Each of the 1000 Series, the L Series and the C Series is a positive displacement type utilising internal gears. Pumping action is based on a rotor, idler gear and a crescent shaped partition cast integral with the cover. The pump material is stainless steel or cast iron.

The GR20 is a positive displacement type utilising a conjugately-generated tooth profiled gear and rotor.

The pumps are intended to be liquid filled but do have self-priming properties.

Each pump is provided with an input shaft to allow connection to a drive motor.

The explosion protection of the drive motor and the coupling, where used, is outside the scope of this Certificate.

The temperature classification will be dependent on the temperature of the pumped liquid. Temperature limits are indicated in the relevant Installation and Service Instructions.

## 16. REPORT NUMBER

Intertek Report Ref 03012644 Issue 1, dated April 2004

## 17. SPECIAL CONDITIONS FOR SAFE USE

None

## 18. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (EHSR'S)

The relevant EHSR's that have not been addressed by the standards listed in this certificate have been identified and assessed in Intertek Report Ref 03012644 Issue 1, dated April 2004.

## 19. DRAWINGS

Number	Rev	Date	Description
A1409UK	-	04.03.04	ATEX Label
<b>1008 and 1010 series</b>			
-	-	-	Installation and service instructions

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