

**Check list FluidAqua Mobil FAM**

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**Client:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Project:** \_\_\_\_\_  
**Contact:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
\_\_\_\_\_  
**Phone number:** \_\_\_\_\_ **E-mail address:** \_\_\_\_\_

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Information on application

**Description of application:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Information on the operating fluid

**Oil type:**  Hydraulic oil  Lubricating oil  Insulation oil  \_\_\_\_\_

**Oil designation:** \_\_\_\_\_ **Manufacturer:** \_\_\_\_\_

**Oil viscosity (40°C):** \_\_\_\_\_  cP  cSt  mm<sup>2</sup>/s

**Oil density:** \_\_\_\_\_  kg/l  kg/m<sup>3</sup>  lb/US gal  lb/ft<sup>3</sup>

**Oil quantity in the system:** \_\_\_\_\_  liters  US gal  m<sup>3</sup>

**Oil temperature:** Normal operation: \_\_\_\_\_  °C  °F  
min. \_\_\_\_\_ max. \_\_\_\_\_  °C  °F

**Sealing material:**  NBR  FPM (Viton®)  \_\_\_\_\_

**Oil analysis:**  not available  available and attached as appendix

**Water content:** Actual value: \_\_\_\_\_ ppm Desired value: \_\_\_\_\_ ppm

**Water entry:** \_\_\_\_\_  l/day  US gal/day

**Conditions of use**

**Installation site:**  indoors  outdoors  near the sea  tropics  \_\_\_\_\_

**Special conditions**

(e.g. chemicals, water, dust etc.): \_\_\_\_\_

**Installation altitude (above sea level):** \_\_\_\_\_  m  ft

**Ambient temperature range:** min. \_\_\_\_\_ max. \_\_\_\_\_  °C  °F

**Humidity:** max. \_\_\_\_\_ % rel. humidity @ \_\_\_\_\_  °C  °F

max. \_\_\_\_\_  g/m<sup>3</sup>  gr/ft<sup>3</sup> absolute humidity

**Max. permissible sound pressure level:** \_\_\_\_\_ dB (A)

**Distance between installation site and connection point:** \_\_\_\_\_  m  ft

**Height difference between installation site and oil level in the tank:** \_\_\_\_\_  m  ft

**The unit is**  above the oil level in the tank  below the oil level in the tank

**Version:**  mobile (with castors and hose holder)  stationary (with feet)

**Electrical specifications**

**Electrical data:** \_\_\_\_\_ Volts / \_\_\_\_\_ Hz /  1 phase  3 phases

**Voltage tolerance:** + \_\_\_\_\_ % - \_\_\_\_\_ %

**Frequency tolerance:** + \_\_\_\_\_ % - \_\_\_\_\_ %

**Required protection class: IP** \_\_\_\_\_

**Other information**

**CE conformity necessary?**  yes  no

**Installation country:** \_\_\_\_\_

**Documentation language:**  German  English  French  \_\_\_\_\_

**Notes:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Explosion protection



**Explosionproof version necessary?**

yes

no

Specifications of the owner's explosion protection documentation according to ATEX directive 137 (99/92/EC). There must be a division for the external environment (installation site) and the inside of the unit.

**Explosive atmosphere (outside)?**

yes

no

**Equipment group:**

I Devices for use both in underground operation of mines and in their surface systems

II Devices for use in the other areas

**Equipment category:**

1 very high degree of safety – may be used in zones 0/20 1/21 2/22

2 high degree of safety – may be used in zones 1/21 2/22

3 normal degree of safety – may be used in zone 2/22

**Type of explosive atmosphere:**

G Mixture of air and gases, vapors or mist

D Dust/air mixture

**Explosion group:**

IIA

IIB1

IIB2

IIB3

IIB

IIC

IIB+H<sub>2</sub> (hydrogen)

**Temperature class:**

T1 up to max. 450°C

T2 up to max. 300°C

T3 up to max. 200°C

T4 up to max. 135°C

T5 up to max. 100°C

T6 up to max. 85°C

deviating temperature class

**Explosive gases in the oil (inside)?**

yes

no

The following explosive gases may be found in the oil (name and chemical formula, concentration, CAS no.):

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**Equipment category:**

1 very high degree of safety – may be used in zones 0/20 1/21 2/22

2 high degree of safety – may be used in zones 1/21 2/22

3 normal degree of safety – may be used in zone 2/22

**Explosion group:**

IIA

IIB1

IIB2

IIB3

IIB

IIC

IIB+H<sub>2</sub> (hydrogen)

**Temperature class:**

T1 up to max. 450°C

T2 up to max. 300°C

T3 up to max. 200°C

T4 up to max. 135°C

T5 up to max. 100°C

T6 up to max. 85°C

**Nitrogen supply present near the installation location?**

yes

no

**Notes:**

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