

5 Commodities

5.1 Dielectric

Required dielectric quantity

- AGIETRON INNOVATION 2: ≈ 415 l
- AGIETRON INNOVATION 3: ≈ 620 l

Refilling quantity

- AGIETRON INNOVATION 2/3: ≈ 20 l / month

The following manufactures market suitable products:

- | | | |
|-----------------|-----------|--------------|
| • AGIP | • CMT | • SHELL |
| • ARAL | • ELF | • STEELFLUID |
| • AVIA Oel Held | • ESSO | • TOTAL |
| • BP | • FUCHS | |
| • CASTROL | • MILLOIL | |

Because the products are constantly being changed and augmented, we refrain from publishing any product names and technical data.

The following characteristic values must be taken into account when selecting a dielectric:

| | finishing + roughing max. 90 A | semi-finishing + roughing > 90 A |
|--|-----------------------------------|-------------------------------------|
| Viscosity with 20° C (10 ⁻⁶ m ² /s) | 3...4 | ≥ 5,5 |
| Density with 20° C (kg/dm ³) | 0,75...0,82 | > 0,8 |
| Flash point(° C) | > 100 | > 100 |
| Aromatic content(%) | < 0,5 | < 1,0 |

Note

Dielectrics with a flash point >100°C comply with a different danger class and are to be preferred.

5.2 Filter cartridges

- Type of filter: Mann & Hummel Type H15 475/1
- Number of filter cartridges: 8
- Order No: 661.397.0 (1 cartridge)
- Filter consumption:
 - with 32 A ≈ 160 hrs.
 - with 72 A ≈ 75 hrs.
 - with 104 A (option) ≈ 50 hrs.

Technical specification

- Filter surface: 47,000 cm²
- Filter fineness: 3...5 µm
- Flow direction: from outside to inside