

# Product information

## Meguin Schmieroel AN 100



### Description

Aging-resistant mineral oil without added agents.

### Specifications:

Lubricating oil DIN 51501 - L-AN 100  
Lubricating oil DIN 51517 - C 100  
Lubricating oil DIN 51506 - VB 100  
Heat transfer oil DIN 51522 - Q 100  
Hardening oil

### Characteristic data

|                                      |                                        |
|--------------------------------------|----------------------------------------|
| ISO viscosity class                  | VG 100<br>DIN 51519                    |
| Density at 15 °C                     | 0,865 g/cm <sup>3</sup><br>DIN 51757   |
| Viscosity at 40 °C                   | 100,0 mm <sup>2</sup> /s<br>ASTM D7042 |
| Viscosity at 100 °C                  | 11,0 mm <sup>2</sup> /s<br>ASTM 7042   |
| Viscosity index                      | 95<br>DIN ISO 2909                     |
| Pour point                           | -18 °C<br>DIN ISO 3016                 |
| Flash point                          | 256 °C<br>DIN ISO 2592                 |
| Oxide ash                            | <0,01 g/100g<br>DIN EN ISO 6245        |
| Increase in coke residues            | 0,9 %<br>DIN 51352 Blatt 1             |
| Initial boiling point                | 410 °C<br>ASTM D1160                   |
| Color number (ASTM)                  | L 1,0<br>DIN ISO 2049                  |
| suitable for flow temperatures up to | 320 °C                                 |
| maximum permitted film temperature   | 340 °C                                 |

### Application

When refilling a system with heat transfer oil, always flush through the system with new product beforehand.

### Available pack sizes

|                          |               |
|--------------------------|---------------|
| 20 l Canister plastic    | 8724<br>DE-EN |
| 200 l Black plate barrel | 8725<br>DE-EN |

### Areas of application

For lubrication points with once-through or circulation lubrication systems

As compressor oil for air compressors with compression final temperatures up to 140 °C As non-oxidizing hardening oil (aging-resistant, good quenching effect, water-repellent and salt-resistant) As an aging-resistant heat transfer oil