



PRODUCT DATA SHEET

Syn-O-Ad® 8477

- A) Application: Anti Wear Additive, Lubricant Component
- B) Appearance: Clear transparent liquid
- C) Chemical Description: Isopropylated Triphenylphosphate

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| Product Specification | | | | |
|------------------------------|----------------------|-------------|---------------|------------------|
| Parameter* | Unit | Method | Limits | Typical Values** |
| Acid Number | [mgKOH/g] | ASTM D 974 | Max. 0,1 | 0,05 |
| Colour APHA | | ASTM D 1209 | Max. 400 | 200 |
| Viscosity @ 40 °C | [mm ² /s] | ASTM D 445 | 42 – 51 | 46 |
| Specific Gravity@ 20°C | | ASTM D 1217 | 1,148 – 1,180 | 1,155 |
| Pour point | [°C] | | Max. -18 | -20 |
| Water content | [%] | ASTM D 1533 | Max. 0,1 | 0,03 |
| Appearance | | Visual | | Clear |
| Odor | | | none | |
| Other Data | | | | |
| | | | | |
| | | | | |

Remarks:

* = Data will be determined at each batch, approval criteria

**= Statistical Mean from different batches

| Other Data – not relevant for specification | | | |
|--|------|-------------|--------|
| Parameter | Unit | Method | Values |
| Shell VKA Wear | [mm] | ASTM D 4172 | |
| 2% in Mineral oil ISO VG 22 | | | 0,49 |
| 2% in PAO ISO VG 32 | | | 0,51 |
| 2% in Ester (Pentaerythrit C8-C10) | | | 0,51 |
| Mineral oil without SOA | | | 0,95 |
| PAO without SOA | | | 0,86 |
| Ester without SOA | | | 0,75 |
| | | | |

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