



## PRODUCT DATA SHEET

### Syn-O-Ad® 9578

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

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<b>Product Specification</b>				
Parameter*	Unit	Method	Limits	Typical Values**
Acid Number	[mgKOH/g]	ASTM D 974	Max. 0,1	0,05
Colour APHA		ASTM D 1209	Max. 80	40
Viscosity @ 38 °C	[mm <sup>2</sup> /s]	ASTM D 445	27 – 33	30
Specific Gravity@ 20°C		ASTM D 1217	1,155 – 1,175	1,168
Flash point [COC]	[°C]	ASTM D 92	Report	246
Water content	[%]	ASTM D 1533	Max. 0,1	0,05
Appearance		Visual		Clear
Triphenylphosphate content	[%]		Report	24
<b>Other Data</b>				

**Remarks:**

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

\*\*= Statistical Mean from different batches

<b>Other Data – not relevant for specification</b>			
Parameter	Unit	Method	Values
Shell VKA Wear	[mm]	ASTM D 4172	
2% in Mineral oil ISO VG 22			0,46
2% in PAO ISO VG 32			0,48
2% in Ester (Pentaerythrit C8-C10)			0,54
Mineral oil without SOA			0,95
PAO without SOA			0,86
Ester without SOA			0,75

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