



## PRODUCT DATA SHEET SynOAd 8412

- A) Application: Component for Lubricants, AW-Additive  
B) Appearance: Clear Transparent Liquid,  
C) Chemical Description: Alkylphosphate

<b>Product Specification</b>				
<b>Parameter*</b>	<b>Einheit</b>	<b>Methode</b>	<b>Grenzwerte</b>	<b>Typische Werte**</b>
Acid number	[mgKOH/g]	ASTM D 974	Max. 0,1	0,05
Specific Density 20°C		ASTM D 1217	0,965-0,995	0,97
Water content	[%]	ASTM D 1533	Max. 0,15	0,05
Appearance		Visuell		Clear liquid
Odour				none
<b>Sonstige Kenndaten***</b>				
Phosphorous content	[%]		10,5 - 12,0	11,7
Flash point (COC)	[°C]		160 - 170	165
Pour point	[°C]		-75 - -85	-80
Viscosity 38°C	[°C]		2,5 - 3,5	3

Remarks:

- \*= Data will be determined on every batch and will be part of the CoA  
\*\*= Statistical Mean out of different batches  
\*\*\*=Method on request

<b>Other Data – no relevant fort the specification-</b>			
<b>Parameter</b>	<b>Unit</b>	<b>Method</b>	<b>Values</b>
Shell VKA Wear	[mm]		
2% in Mineral oil ISO VG 22			
2% in PAO ISO VG 32			
2% in Ester (Pentaerythrit C8-C10)			
Mineral oil without SOA			
PAO without SOA			
Ester without SOA			

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