

# BOEDAL Ltd

## Boester DIDS

### Product Description

Di-iso-Decyl Sebacate

CAS no 28473-19-0

We do not know of any lubricant application for DIDS. Although the physical characteristics and undoubtedly the thermal and oxidation properties show DIDS to be an ideal base stock, it is relatively expensive compared to adipate esters such as DIDA.

### Sales Specifications

Properties	Units	Specifications	Typical values	Test Method
Appearance	-	Clear liquid	Clear Liquid	Visual
Colour	Hazen	50 max	-	
Ester content	%wt	99.0 min	-	GC
Water content	%wt	0.1 max	-	
Free alcohol content	% wt	0.1 max	-	
Density @ 20°C	g/ml	0.904 - 0.910	-	ASTM D1298
Acid Value	mgKOH/g	0.07	0.01	ASTM D974
Saponification value	mgKOH/g	-	230	
Refractive Index	n20D	1.450 - 1.458	1.454	
Flash point COC	°C	-	> 200	ASTM D92
Pour point	°C	-	-54	ASTM D97
Viscosity 40°C	cSt	-	20	ASTM D445
Viscosity 100°C	cSt	-	4.7	ASTM D445
Viscosity Index	-	-	162	ASTM D445

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