



A Subsidiary of PETRONAS Chemicals Group

# PRODUCT DATA SHEET

## Petrolad<sup>®</sup> 6779A

Overbased Synthetic Calcium Sulfonate  
(400 TBN)

**BRB Lube oil Additives & Chemicals**

P.O. Box 3552 NL - 6017 ZH Thorn

Office: Voltaweg 26, 6101 XK, Echt, the Netherlands

T: +(31) 475 560 300

[www.brb-international.com/lac](http://www.brb-international.com/lac)

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## Petrolad® 6779A

### Product Description

Petrolad® 6779A is a 400 TBN overbased synthetic calcium sulfonate. It provides a base for neutralising corrosive acids and detergency for deposit control in engines operating under high temperatures, along with rust inhibition. More specifically, Petrolad® 6779A is relevant for the following fields of application:

- Formulating high-performance lubricants for all types of automotive, railroad and marine engines;
- Suitable for cylinder lubricants in marine cross-head engines;
- To be used as a detergent for general applications.

### Benefits

- Excellent acid neutralisation capacities, even in engines running on high-sulphur fuels & heavy fuel oil;
- Outstanding thermal stability & high-temperature detergency, ensuring maximum engine cleanliness;
- Good oil solubility & compatibility with most mineral base oils, white oils, and synthetic base stocks;
- Excellent TBN retention in extended oil drain intervals;
- Optimum water tolerance giving a minimum sludge formation.

### Performance

The normal dosages for Petrolad® 6779A range from 0.5 to 5.0 % w/w in the finished lubricant.

### Typical Data

Parameter	Method	Unit	Typical
Appearance	Visual	-	Red brown liquid
Density @ 20 °C	ASTM D4052	g/cm <sup>3</sup>	1,20
Flashpoint	ASTM D92	°C	> 200
Kinematic viscosity @ 100 °C	ASTM D445	cSt	130
Calcium content	IHTM	% w/w	15,0
Calcium sulfonate	ASTM D3712	% w/w	24,0
Sulfur content	IHTM	% w/w	1,50
Water	ASTM D95	% w/w	0,03
Total base number (TBN)	ASTM D2896	mg KOH/g	408

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### Handling & Storage

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Petrolad® 6779A is packed in 250 kg iron drums.

The maximum storage temperature is 45 °C.

Recommended maximum blending temperature is 50 °C – 65 °C.

An MSDS is available upon request.

### FOR MORE INFORMATION

Please contact

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### IMPORTANT NOTICE

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