

## Petadd DT OB-405(WO)

### Overbased Calcium Sulfonate White Oil

#### Description

Petadd DT OB-405(WO) is a multifunctional overbased calcium sulfonate. It acts as a highly effective TBN booster in additive packages, exhibits good oil solubility, excellent high temperature detergency, and thermal stability. A white oil product, Petadd DT OB-405(WO) is NSF approved for incidental food contact, category HX-1.

#### Application

- Suitable for use in a variety of lubricant formulations, such as automotive crankcase and industrial oils.
- Petadd DT OB-405(WO) is an excellent feedstock for the manufacture of greases. Greases produced from Petadd DT OB-405(WO) tend to convert readily, and have excellent gel strength retention properties.
- Petadd DT OB-405(WO) has kosher approval, and is NSF approved for incidental food contact; it can thus be used in food processing equipment, for example.

#### Typical Properties

Property	Typical	Test Method
Calcium Content (%m)	15.2	ASTM D4951
Calcium Sulfonate Content (%m)	20.5	Internal
TBN (mgKOH/g)	400	ASTM D2896
Specific Gravity @15.6°C (g/ml)	1.20	ASTM D4052
Viscosity @100°C (cSt)	55	Internal
Flash Point (COC, °C)	204	ASTM D92
Colour (dilute)	4.5 D	ASTM D1500
NSF HAX-1 Approval	Yes	-
Kosher Approval	Yes	-

#### Storage and Handling

Store in a dry place. For specific information, consult the MSDS.

*The information contained within this publication is based on the present state of our knowledge. Any recommendations or conclusions are made without liability on our part. Values shown are typical and should not be construed as specification limits.*