

Petadd VM-15(C)

Viscosity Modifier

Description

Petadd VM-15(C) is a pellet-form viscosity modifier based on ethylene-propylene polymer technology. This product is highly stable, offering excellent shear stability; it also provides good cold weather performance.

Application

- Petadd VM-15(C) has found applications in the automotive (engine oil) and greases lubricants industries.
- Petadd VM-15(C) should be dissolved under agitation at 10-12% w/w, in SN150 at 100°C - 120°C, until all the product has dissolved (this will typically take 6-12 hours).

The dissolved product may then be incorporated into the finished blend. Crankcase lubricant formulations are provided below:

- To meet grade 5W/30, the recommended treat rate is 0.8% - 1.2%.
- To meet grade 10W/40, the recommended treat rate is 1.0% - 1.4%.
- To meet grade 15W/40, the recommended treat rate is 0.75% - 0.90%.
- To meet grade 20W/50, the recommended treat rate is 0.65% - 0.90%.

Typical Properties

Property	Typical	Max.	Method
Appearance	White Pellets	-	Visual
Density	0.86	-	ASTM D792
Ethylene Content (%m)	72	-	ASTM D3900
K.V. @100°C (cSt)	802	-	ASTM D445
Pour Point (°C)	-27	-	ASTM D97
SSI	15	-	ASTM 6022
Volatiles (%m)	-	0.1	ASTM D1416

Storage and Handling

If in long term storage, the maximum recommended temperature is 30°C. Do not expose to direct sunlight. Consult the SDS for further information.

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.