

Petadd™ VM-25 (C)

Viscosity Modifier

Description

Petadd VM-25(C) is a low molecular weight olefin copolymer (OCP) designed as a viscosity modifier (VM) for lubricating oils. A compatible release agent minimizes agglomeration without affecting the properties of the finished lubricant.

Petadd VM-25(C) shows an excellent balance between thickening power and shear stability, combined with a very good low temperature behaviour. Its physical form allows the product to quickly dissolve in oil which can considerably reduce blend cycle times.

Application

- Petadd VM-25(C) can be dissolved in oil to prepare an economical additive for multigrade engine oils, or aftermarket “oil treatment” additives.
- It can also be used as an inexpensive oil thickener, to avoid blending with expensive oils including bright stocks.
- An “oil treatment” additive may be prepared using about 4.5% Petadd VM-25(C) in a 200 SUS 9, ISO 46 oil, to give an additive with a viscosity of ~500 cSt at 100°C.

Typical Properties

Property	Typical	Max.	Method
Physical Form	Non free flowing, translucent pellets	-	Visual
SSI	25	-	-
Thickening Efficiency (cSt, 100°C)	10.7	-	-
Propylene (%m)	34	-	-
Ash content (%m)	-	0.5	-

Storage and Handling

Store at 20 to 30°C, and in dry, well ventilated conditions. Protect from sunlight to avoid degradation of the product. Shelf life: 9 months. For all other storage and handling data: see the Safety Data Sheet (SDS.)

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.