



**CHEMPOL**  
ADDITIVES & CHEMICAL SPECIALITY

## **CHEMPOL P30** *OCP Viscosity Index Improver*

### **Description**

A solid highly stable pellet form olefin co-polymer (OCP) with narrow molecular weight distribution, intended for use as a viscosity index improver (VII) and viscosity modifier/thickener in mineral oil based automotive crank case lubricants and industrial lubricants. Its excellent low temperature properties and high thickening power make it suitable for a wide range of applications.

### **Typical Physical Properties**

PROPERTY	VALUE	METHOD
Appearance	White pellets	-
Density	0.86	ASTM D4052
Kinematic Viscosity @ 100°C (cSt) (8% polymer dissolved in 92% SN150, wt/wt%)	957.8	ASTM D445
Pour Point (1% solid polymer + 0.3% PPD + 98.7% SN 150, wt/wt%)	-33	ASTM 97
Shear Stability Index (SSI)	43	ASTM D6022
Ash Content (%)	<0.1	ASTM D1416
Volatiles (%)	<0.1	ASTM D1416

\*\* Depending upon base oil. Quoted values in Middle East Group 1

### **Dissolving**

Polymers should be dissolved under high agitation in oil at 130 °C for 3 - 4 hours until all solids have been dissolved. Treat rates of 6 -10% will be required depending upon viscosity grade required and base oil used. Use with suitable PPD. Consult CHEMPOL Ltd. technical department for specific recommendations.

### **Availability**

Available in 25kg bag

### **Safety, Handling and Storage**

Wear suitable dust mask & gloves when handling polymers. Avoid storing pellet type polymers >30 °C for prolonged periods, avoid direct sunlight.