

TECHNICAL DATA SHEET

PRODUCT NAME – ONYFLOW 2143

DESCRIPTION:- Pour point Depressant is an alkyl Methacrylate, recommended for use in base oils. It is highly recommended for use in wide variety of Engine oil, Gear oil, Hydraulic Fluids. It is also effective in controlling low viscosity under shear condition. The various grade of PPD having following characteristic,

TYPICAL PROPERTIES:-

ONYFLOW	ONYFLOW 2143
COLOUR/ APPEARANCE	Pale Yellow to Amber
DENSITY @25° C(ASTM D 298)	0.86 - 0.94
VISCOSITY (cst @ 100 'C) (ASTM D445)	150 - 500
FLASH POINT('C)(ASTM D93)	>150

TYPICAL DOSAGE IN FINISH LUBRICANT: -

Depending on degree of depressant desired, the typical dosage would range as follows,

1. Engine oil : 0.05 to 0.4 % w/w.
2. Gear Oil : 0.2 to 1.2 % w/w.

PERFORMANCE CHARACTERISTICS: -

POUR POINT DEPRESSANT STUDY CHART

PPD has been evaluated as per ASTM-D 97 on base oil. The typical effect of increasing treats rates is tabulated in table given below,

DOSAGE OF PPD	Pour Point of base Stock. 'C In SN 150
DOSE %	ONYFLOW 2143
0.0	-3
0.1	-21/-24
0.2	-24/-27
0.3	-24/-27
0.4	-24/-27

*The table is for representation purpose; Result will vary with different base oil.

PACKING :- 180 kg Drum Or 200 kg Drum

BLENDING & STORAGE :- Maximum blending temperature is 85° C.

The product should be store under the shade. The product will be stable for at least 12 months if store and handle properly. For more detail kindly refer SDS.