



EMBLEM VI IMPROVER 1100

EMBLEM VI Improver 1100 is recommended in suitable base stocks to prepare multigrade crankcase engine oils. Approximate treating levels for stay-in-grade (10 hour CRC L-38 test) performance are:

SAE Grade	*Approximate Treatment % Volume or % Weight
5W-30	7.5 - 9.5
10W-30	5.0 - 7.0
10W-40	10.0 - 12.0
10W-50	15.0 - 18.0
15W-40	6.5 - 8.5
15W-50	10.0 - 13.0
20W-40	1.5 - 4.0
20W-50	6.0 - 8.0

Typical Properties

Viscosity, @ 100 °C cST	1100
Blended Visc. 18.5% by wgt in 200 Neutral	17.5min -19.9 max
Pounds per U.S. Gals @ 15.6°C	7.20
Pounds per IMP Gal @ 15.6°C	8.64
Specific Gravity @ 15.6° (60°)	0.864
Flash Point (Method) PMCC	173o C
Pour Point 16 °F	- 6°C, -21°F
Physical Form	liquid
Appearance	clear,viscous material
Polymer concentration (%wt)	8.5
Shear Stability Index (by L-38)	25
Shear Stability Index (by Orbahn)	45

Solubility characteristics - soluble in mineral, ester synthetic, and polyalphaolefin synthetic oils.