



## EMBLEM VI IMPROVER 460

**EMBLEM** VI Improver 460 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	10.1 - 12.7
10W-30	6.3 - 8.9
10W-40	12.7 - 15.2
10W-50	19.1 - 22.8
15W-40	8.9 - 11.3
15W-50	16.4 - 20.3
20W-40	1.9 - 5.1
20W-50	8.8 - 11.3

### Typical Properties

Viscosity, @ 100 °C cST	460
Pounds per U.S. Gals @ 15.6°C	7.21
Pounds per IMP Gal @ 15.6°C	8.65
Specific Gravity @ 15.5° (60°)	0.865
Flash Point (Method)	181° C
Pour Point 16 °F	- 9°C
Physical Form	liquid
Appearance	clear, viscous material
Polymer concentration(%wt)	6.7
Shear Stability Index (by L-38)	25
Shear Stability Index (by Orbahn)	45

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