



# **DURALIFE® 5 SSI VISCOSITY INDEX IMPROVER A5-1200**

**DURALIFE® 5 SSI VISCOSITY INDEX IMPROVER A5-1200** is a hydrogenated Styrene-Isoprene premium viscosity modifier designed to promote stringent performance requirements of modern multi-grade lubricants in both gasoline and diesel engines.

**DURALIFE® 5 SSI VISCOSITY INDEX IMPROVER A5-1200** contains a 5 SSI high polymer. It provides premium permanent shear stability, excellent high and low temperature performance, outstanding contribution to soot control and viscosity increase.

### **APPLICATIONS**

**DURALIFE® 5 SSI VISCOSITY INDEX IMPROVER A5-1200** is recommended for use in suitable base stocks to prepare multi-grade crankcase engine oils . Approximate treating rates for stay-in-grade ( 10-hour CRC L-38 test , Orbahn Shear ) performance are as follows :

SAE grade	*Treat Rate %wt
5W-30	6.0 - 9.5
10W-30	4.0 - 6.5
10W-40	8.0 -11.0
10W-50	12.0 -17.00
15W-40	7.0 - 9.5
20W-40	1.5 - 4.0
20W-50	5.5 - 8.5

*\*Actual treatment levels depend on the performance package and base stocks used. A blend study is required to optimize Viscosity modifier treatment level for a particular formulation.*

### **TYPICAL CHARACTERISTICS**

Test	Method	
Specific Gravity @15.6° C (Kg/L )	ASTM D 1298	0.867
Flash point , °C	ASTM D 92	180
Viscosity @ 100° C , cSt	ASTM D 445	1200
Color	ASTM D 1500	< L 3.0

*The above characteristics are average values based on recent production. Minor variations, which do not affect product performance, are to be expected in normal manufacture.*

## **Storage & Handling**

*DURALIFE VISCOSITY INDEX IMPROVER A5-1200* has a low order of toxicity and irritancy. When handling this product a MAXIMUM temperature of 90°C should be observed for storage . unloading and blending .

However, it is strongly recommended that for long term storage, the temperature should not exceed 70°C.

*Reference SDS Number 12142 database on our website at [www.amtecol.com](http://www.amtecol.com)*