



## **DURALIFE® OCP VISCOSITY INDEX IMPROVER**

# **A35 - 1200**

**DURALIFE® OCP VISCOSITY INDEX IMPROVER A35-1200** is a shear stable non-dispersant olefin copolymer designed to promote high performance in multi-grade lubricants.

**DURALIFE® OCP VISCOSITY INDEX IMPROVER A35-1200** contains a 35 SSI VM polymer .Very good permanent shear stability and low temperature performance.

### **APPLICATIONS**

**DURALIFE® OCP VISCOSITY INDEX IMPROVER A35-1200** 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 :

| <b>SAE grade</b> | <b>*Treat Rate<br/>%wt</b> |
|------------------|----------------------------|
| 5W-30            | 6.0 - 9.5                  |
| 10W-30           | 4.0 - 6.5                  |
| 10W-40           | 7.5 – 11.5                 |
| 10W-50           | 12.0 -17.0                 |
| 15W-40           | 6.0 - 8.5                  |
| 20W-40           | 1.5 – 6.0                  |
| 20W-50           | 5.0 – 9.0                  |

*\*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**

| <b>Test</b>                       | <b>Method</b> |         |
|-----------------------------------|---------------|---------|
| Specific Gravity @15.6° C (Kg/L ) | ASTM D 1298   | 0.87    |
| Flash point , °C                  | ASTM D 92     | Min 170 |
| Viscosity @ 100° C , cSt          | ASTM D 445    | 1200    |
| Color                             | ASTM D 1500   | < L 2.0 |

*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 A35-1200** 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 MSDS Number 12060database on our website at [www.amtecol.com](http://www.amtecol.com)*