



DURALIFE® PMA Viscosity Modifier

A 79 PMA VII

A 79 PMA VII is a polymethacrylate viscosity modifier with excellent low temperature and shear stability performance.

APPLICATION:

A 79 PMA viscosity modifier is a methacrylate polymer recommended for transmission and all types of industrial fluids.

RECOMMENDED DOSAGE:

Dosages range from around 5% to around 15% depending on the base oil, final viscosity requirements and application.

FEATURES:

- Wide area of application: Automatic Transmission Fluids, Manual Transmission Fluids, Automotive Gear Oils, Continuously Variable Transmission fluids, Dual Clutch Transmission Fluids, Small Engine Oils, Multi-Grade Hydraulic Oils, Industrial Gear Oils and all types of other industrial lubricants.
- Good shear and hydrolytic stability.
- Excellent fluid cleanliness and filtration properties.

TYPICAL CHARACTERISTICS

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|--------------------------------|-----------------------------|
| Appearance | Light yellow viscous liquid |
| Specific Gravity @ 15.6/15.6°C | 0.94 |
| Viscosity @ - 40°C, cSt | 12000 (typical) |
| Viscosity @100°C, cSt | 580 (typical) |
| Flash Point, °C (PMCC) min | 120 |

Storage, Handling & Toxicity

Recommended handling, pumping temp.: 100°C – 110°C

Max. storage temp.: 45°C

Recommended blending temp.: max 110°C

Max. skin temp. (dynamic): 110°C

Shelf life @ ambient: 36 months

Special Handling

Viscosity Modifier (VM) additives are sensitive to contamination. The most common problems result from their direct contact with other concentrated motor oil and gear oil additives. Very small levels of additive contamination can produce gels that are difficult to solubilize in oil. For this reason it is imperative that all equipment to be used in the manufacture and transfer of VM additives be thoroughly cleaned and inspected to ensure no residue from previous additives is present. Ideally, the system should be dedicated to handling VM additives only.

For specific safety, handling and toxicity information, please refer to SDS Number 12158 database on Amtecol website at www.amtecol.com.