

DYN 9-257

Aminic Antioxidant



Description

DYN 9-257 is a Butyl Octyl Diphenylamine antioxidant for lubricants and greases. It is an excellent high-temperature antioxidant, with good thermal stability. DYN 9-257 has prominent oxidation resistance under high temperature, good oil solubility as well as compatibility to other additives.

Application

DYN 9-257 can be widely used for high-grade engine lubricants, heat conducting oils, high-temp. chain oils, hydraulic oils, compressor oils, turbine oils and other industrial lubricant oil, all kinds of lubricating grease and fuel oil,

Special Features

- High nitrogen content reflected by high TBN value
- Good seal compatibility
- Effectively controls lubricants viscosity increase due to oxidation

Recommended Treat Rate

| Performance Level | DYN 9-257, %wt |
|-------------------|----------------|
| General Use | 0.3 - 0.5 |

Typical Characteristics

| Physical & Chemical Characteristics | Specification | Test Method |
|-------------------------------------|----------------------------|-------------|
| Kinematic Viscosity @ 100°C , cSt | 9.0 - 12.0 | ASTM D445 |
| Flash Point , °C | 180 Min. | ASTM D92 |
| Total Base Number , mg KOH/g | Report | ASTM D2896 |
| Nitrogen Content , % wt | 4.3 - 5.0 | ASTM D3228 |
| Density @ 20°C | 900 - 1000 | ASTM D4052 |
| Appearance | Light Yellow Liquid | ASTM D1500 |

Packing And Handling

DYN 9-257 is packed in metal drums and is normally handled at room temperature. The following storage and handling temperatures are recommended:

Storage Handling temperature should not exceed 50 °C (122 °F).

And blending temperature should not exceed 60 °C (140 °F).

For more extensive information on the safe handling and use of this product, see the Material Safety Data Sheet.