

PIO-HT Oil and Grease Tackifiers

PIO-HT Tackifiers are viscous liquids developed to provide adherence and stringiness in fluid lubricants and greases. These tackifiers are available as water clear to amber color at various viscosity levels. Chemically, **PIO-HT** Tackifiers are solutions of polymers in select oils.

Lubricating oils and greases that require adhesiveness can benefit with the addition of **PIO-HT**. Conditions where non-drip and non-splash characteristics are required, the addition of 0.5 - 2.0% of **PIO-HT** is usually adequate when formulating:

- Conveyor lubricants
- Open gear lubricants
- Way oils
- Chain oils
- Anti-mist
- Textile lubricants
- Coning operations

| Properties | PIO-HT | PIO-HT82 | PIO-HT1036 | PIO-HT36 | PIO-HT380 |
|-------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|----------------------------------|
| Active Polymer | Polyisobutylene | Polyisobutylene | Polyisobutylene | Polyisobutylene | Polyisobutylene |
| Diluent | Mineral Oil | Mineral Oil | Mineral Oil | Mineral Oil | Naphthenic oil Petroleum Naphtha |
| Flash Point TCC | 204 ⁰ C/400 ⁰ F | 204 ⁰ C/400 ⁰ F | 204 ⁰ C/400 ⁰ F | 204 ⁰ C/400 ⁰ F | < 150 ⁰ F |
| Viscosity @ 100⁰C | 3000 cps. | 5500 cps. | 5750 cps | 7750 cps | 1500-2500 cps |
| Color | Water Clear | Water Clear | Water Clear | Water Clear | Amber |

Treatment Levels*

| | |
|--------------------|-------------|
| Chain Oils | 0.25 - 1.5% |
| Way Oils | 0.5 - 1.0% |
| Greases | 0.5 - 1.5% |
| Aerosol Resistance | 0.5 - 2.0% |

*Treatment levels are typical ranges for each applications.

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