



DURALIFE® PREMIUM PAPER MACHINE OILS

DURALIFE® PREMIUM PAPER MACHINE OILS are a premium circulating oils based on quality, high viscosity index straight mineral oil with the modern, ashless (zinc-free) additive technology suitable for use in the centralized lubrication systems of large modern paper machines .They are also used in a variety of applications such as circulatory systems for hydraulic systems, vacuum pumps, rolling mills ,reduction gears, certain air-compressors, steam-engine crank-chambers and calenders for both rolling and plain bearings.

APPLICATIONS:

DURALIFE® PREMIUM PAPER MACHINE OILS are specifically recommended for use in paper machine circulating systems, including wet-end systems, dryer bearings, and calender stacks.

BENEFITS:

- Provide long oil life with excellent filterability with all commercial filters, including Fullers Earth.
- Good thermal and oxidation stability.
- Excellent demulsibility as it separate from water easily.
- Good antifoam properties.
- Low carbon residue forming tendencies minimizes deposit formation in air compressor service.

TYPICAL CHARACTERISTICS:

| Test | Method | PM 150 | PM 220 | PM 320 |
|---|----------------------------|--------------|--------------|----------------|
| API Gravity | ASTM D287 | 27.49 | 26.60 | 26.42 |
| Specific Gravity @ 15°C (60°F) | ASTM D1298 | 0.890 | 0.895 | 0.896 |
| Viscosity @ 40°C, cSt @ 100°C, cSt | ASTM D445 | 150 14.80 | 220 19.20 | 305 23.50 |
| Viscosity Index | ASTM D 2270 | 98 | 98 | 97 |
| Flash Point, °C (°F) | ASTM D92 | 240 (464) | 245 (473) | 250 (482) |
| Pour Point, °C (°F) | ASTM D97 | -15 (-5) | -15 (-5) | -12 (-10.4) |
| F Z G Gear Test , Fail stage (A/8.3/90) | ISO 14635-1 / DIN 51354 | 12 | 12 | 12 |
| Foam Test | ASTM D892 | 0/0 | 0/0 | 0/0 |
| Rust Prevention | ASTM D665B | Pass | Pass | Pass |

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

WARNING:

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children. Don't pollute. Conserve resources. Return used oil and bottle to collection centers

Reference SDS Number 12093 database on our website at www.amtecol.com OR scan the code for a direct link

