



DURALIFE® SYNTHETIC PAPER MACHINE OILS

DURALIFE® SYNTHETIC PAPER MACHINE OILS are high performance synthetic lubricants for use in the centralized lubrication systems of large modern paper machines .

They are manufactured from Polyalphaolefin (PAO) synthetic base oils with specially selected additives. Extreme pressure additives to give minimum gear wear, maximum load carrying capacity, corrosion protection, and outstanding resistance to high temperature sludging.

They provide excellent protection of gears and bearings operating under severe conditions.

APPLICATIONS :

DURALIFE® SYNTHETIC PAPER MACHINE OILS are recommended for use in lubrication of severe industrial paper machine circulating systems, calender rolls, dryer section accessories, gear boxes, extreme temperature gears and bearings in circulation systems, high temperature air compressors, high pressure hydraulic pumps.

BENEFITS :

- Excellent anti-wear, extreme pressure and load carrying properties leading to savings in both maintenance time and costs.
- Extend gear life due to high load carrying and outstanding ability to keep gear surfaces free of deposits.
- Fully compatible with standard seal, paint and hose material.
- Excellent thermal and oxidation stability.
- Excellent filtration properties.
- Excellent anti-foam properties.
- Superior demulsibility as it separate from water easily.

TYPICAL CHARACTERISTICS :

| Test | Method | SPM 100 | SPM 150 | SPM 220 | SPM 320 | SPM 460 |
|---|----------------------------|---------|---------|---------|---------|---------|
| API Gravity | ASTM D287 | 36.95 | 36.35 | 34.97 | 33.42 | 32.65 |
| Specific Gravity @ 15.6°C (60°F) | ASTM D1298 | 0.840 | 0.843 | 0.850 | 0.858 | 0.862 |
| Viscosity @ 40°C, cSt @ 100°C, cSt | ASTM D445 | 100 | 145 | 215 | 320 | 450 |
| | | 14.9 | 19.8 | 26.8 | 35.5 | 45.2 |
| Viscosity Index | ASTM D 2270 | 156 | 157 | 159 | 157 | 156 |
| Flash Point, °C (°F) | ASTM D92 | 235 | 240 | 240 | 250 | 255 |
| | | (455) | (464) | (464) | (482) | (491) |
| Pour Point, °C (°F) | ASTM D97 | -45 | -45 | -40 | -30 | -30 |
| | | (-49) | (-49) | (-40) | (-22) | (-22) |
| F Z G Gear Test, Fail stage (A/8.3/90) | ISO 14635-1 / DIN 51354 | >12 | >12 | >12 | >12 | >12 |
| Foam Test Seq 1, ml | ASTM D 892 | 0/0 | 0/0 | 0/0 | 0/0 | 0/0 |
| Timken OK Load, lb | ASTM D 2782 | 60 | 60 | 60 | 60 | 605 |

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 .

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 No 12094 database on our website at www.amtecol.com OR scan the code for a direct link

