



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	ASTM D445	100	145	215	320	450
@ 100°C ,cSt		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 (455)	240 (464)	240 (464)	250 (482)	255 (491)
Pour Point, °C (°F)	ASTM D97	-45 (-49)	-45 (-49)	-40 (-40)	-30 (-22)	-30 (-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 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 12094 database on our website at www.amtecol.com OR scan the code for a direct link

