

PRODUCT DATA SHEET

Paper Machine Oils

Ashless Oils for paper machines



PRODUCT DESCRIPTION:

Paper Machine Oils are superior quality lubricating oils designed specifically for the oil circulation systems of paper machine dryer bearings using totally ashless chemistry. They resist formation of deposits at high temperatures as evidenced by a rating of 9.0 in the Panel Coker Test, with only one gram of deposits collected on the panel. The outstanding separation ability of 40/40/0 in the ASTM D-1401 demulsibility test allows complete separation of water from the oil while in the paper machine dryer bearing oil circulation system reservoir. They are also recommended for lubrication of calendar stacks, pumps, speed reducers and other demanding applications found in a paper mill. All three viscosity grades pass the Denison Filterability Test, with and without water, and provide an ASTM D-1401 demulsibility test result of 40/40/0 within 15 minutes.

KEY FEATURES:

- Good demulsibility
- Ashless chemistry provides low deposition

CUSTOMER BENEFITS:

- Designed specifically for paper machine dryer bearings

APPLICATIONS:

Paper Machines

PACKAGING:

Totes and Drums

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Typical Properties

Paper Machine Oils			
Product Number	230P	231P	Test Method
API	28.43	27.92	
Specific Gravity	0.88476	0.88759	ASTM D4052
Lbs/Gal	7.368	7.392	ASTM D4052
Density	0.88427	0.88709	
Flash Point °C	260	271	ASTM D92
Pour Point °C	-3	-3	ASTM D97
Color	<2.5	<3.0	
Viscosity@100°C cSt	14.74	18.73	ASTM D445
Viscosity@40°C cSt	150	214.6	ASTM D445
Viscosity Index (VI)	97	97	ASTM D2270

Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, www.royalmfg.com, or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.