

ANDEROL PRODUCT DATA SHEET

ANDEROL® 8700 SERIES

SYNTHETIC HYDRAULIC FLUIDS

GENERAL INFORMATION

ANDEROL 8000 Series (ISO 22, 32, 46 and 68) products are fire-resistant, anti-wear, synthetic hydraulic fluids based on advanced PAO technology. Designed for use in hydraulic systems operating over a wide temperature range where petroleum-based fluid may not provide adequate high, low or broad temperature performance and where a greater degree of fire resistance is required.

TYPICAL PROPERTIES:

PROPERTY	TEST METHOD	RESULTS			
		8722	8732	8746	8768
ISO Grade	---	22	32	46	68
Specific Gravity	ASTM D-1298	0.817	0.829	0.830	0.838
Density, lbs/gallon @ 15.6°C	---	6.80	6.93	6.94	6.95
Viscosity, @ 40°C, cSt	ASTM D-445	21.5	30.9	46.1	67.8
Viscosity, @100°C, cSt	ASTM D-445	5.3	5.68	7.93	10.1
Viscosity Index	ASTM D-2270	198	136	134	145
Flash Point, °C	ASTM D-92	>175	234	256	260
Pour Point, °C	ASTM D-97	<-65	<-54	<-54	<-54
Rust Prevention	ASTM D-665B	--	Pass	Pass	Pass
Foam Tendency, Seq 1, 2, 3	ASTM D-892	Pass	Trace	Trace	Trace
Demulsibility, 130°F, Vol. (sec)	ASTM D-1401	40-40-0 (2)	40-40-0 (8)	40-40-0 (8)	40-40-0 (8)
Air Release, 50°C	DIN 51381	---	1	1	1
FZG Gear Test, stage pass	DIN 51354	---	11	12	12
PNEUROP Oxidation	DIN 51352	---	0.1	0.1	0.1
Thermal Stability	CM-P	---	---	Pass	---

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APPLICATIONS

Developed specifically for use with gear, piston or vane pumps operating over wide ranges of pressures and temperatures.

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For more information please refer to the relevant Material Safety Data Sheet accompanying each product.

ADVANTAGES

- Wide Temperature Range
- Improved Performance
- Extended pump life
- Increased safety
- Reduced maintenance costs

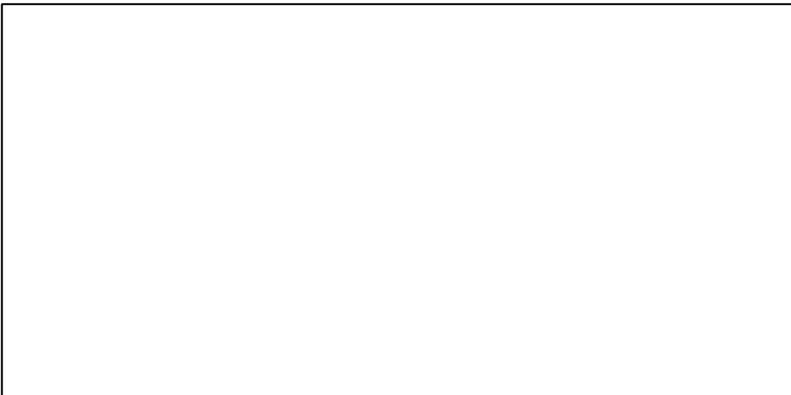
SPECIFICATIONS AND APPROVALS

- Surpasses Vickers 35VQ25 Pump performance.
- ANDEROL 8746 is approved P-70 by Cincinnati Machine under CM-P

COMPATIBILITY

ANDEROL synthetic hydrocarbon based lubricants are similar to mineral oils in their compatibility with paints, seals, gaskets and hoses. No special precautions related to compatibility are required when changing over from a mineral oil lubricant to an ANDEROL synthetic hydrocarbon based lubricant.

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ANDEROL[®]
Specialty Lubricants

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