



## FS Blue Circle 20W-30 Product Specification Sheet

FS Blue Circle 20W-30 is a premium ashless, non zinc containing hydraulic fluid recommended for a broad range of industrial hydraulic oil applications, presses, injection molding machines, central systems, gear cases and various bearing applications. It is well suited for highly accurate machine tool and industrial robot hydraulic systems.

FS Blue Circle 20W-30 can be used in reduction gears and bearings with greater load carrying requirements than are satisfied by conventional R&O fluids. It is not recommended for use as crankcase oil in modern engines.

### Features:

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- Contains no zinc or heavy metals
- Outstanding wear protection for critical system components
- Excellent oxidation resistance to minimize sludge and varnish formation and maximize oil life
- Excellent rust and corrosion protection
- Good demulsibility for fast water separation
- Good foam resistance
- High dielectric strength meets the requirements for cherry pickers

### Meets or exceeds:

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Vickers	M-2950-S (Mobile), I-286-S (Industrial)
Denison	HF-0, HF-1, HF-2
Cincinnati Machine	
Racine	Variable volume vane pumps
Din 51524	Part 2
Jeffrey	No. 87
U. S. Steel	136, 127
General Motors	LH-04-1, LH-06-1, LH-15-1
AFNOR	E 48-603
Lee-Norse	100-1
Ford	M-6C32
B.F. Goodrich	0152
Commercial Hydraulics	



### Typical Physical Properties and Performance Data:

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<b>SAE Grade</b>	<b>20W-30</b>
Gravity, API	28.5
Viscosity cSt @ 40°C	100
@ 100°C	11.4
Viscosity Index	100
Pour Point °C(°F)	-28(-18)
Flash C.O.C. °C (°F)	218(425)
Copper Corrosion	1a
Emulsion Test, @ 130°F, 30 min. Max.	Pass
Rust Test	Pass
Turbine Oil Stability Test, hrs	2000+

### Product Availability:

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- 2 X 2 ½ Gallon Plastic Containers
- 55 Gallon Drums
- Bulk

Revised October 2012