

# Syn-Dyne FS Series

Fully Synthetic Hydraulic Oils



ANTI-LEAK | FULLY SYNTHETIC | PROTECTS SEALS

Syn-Dyne FS Series is specially formulated from synthetic base oils, using additive packages, to be resistant to high temperature shearing, and offer extended pump durability, extended seal and hose life, and help prevent many high heat / high pressure caused hydraulic leaks.



## PERFORMANCE PROPERTIES

- Anti-wear
- Anti-rust & Oxidation
- Non-Foaming
- Anti-leak
- Extreme Pressure
- Seal And Hose Friendly
- Self Demulsifying
- Long Oil Life
- Extreme Pressure

**Syn-Dyne FS** is offered in 275 gallon tote tanks, 55 gallon drums, and 5 gallon pails. **Syn-Dyne FS** is available in ISO Viscosity grades 22, 32, 46, 68 and 100.



**RELIANT TECHNOLOGIES**

local | quality | service

## MEETS OR EXCEEDS THE FOLLOWING PUMP MANUFACTURER'S PERFORMANCE REQUIREMENTS:

- DAVID BROWN ET33
- CINCINNATI MILACRON P-68/69/70
- U.S. STEEL 126/127 & 136
- VICKERS M-2950S / 1286S / 35VQ25
- ABEX-DENISON HF- 2/1/0
- LEE-NORSE 100-1
- FORD M-6C32
- GENERAL MOTORS LH 4/15-1LH6-1L
- REXNORD DIN 51524 51525
- AFNOR 48-600 / E 48-6 COMMERCIAL SHEARING
- HD/2900
- B.F. GOODRICH 0152
- ASTM D-655 / D-943 / D-2882

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**Reliant Technologies**  
 Across the South and Around the World...



## Syn-Dyne FS Series

### APPLICATIONS

- Hydraulic Oil – Low, Medium, High Pressure
- Stationary Equipment
- Closed Systems
- Mobile Systems
- Multi-functional Systems
- Press & Crushers
- Air Tool Lines
- Pump & Motor Systems



### PHYSICAL PROPERTIES

Product	Syn-Dyne 542	Syn-Dyne 543	Syn-Dyne 544	Syn-Dyne 545	Syn-Dyne 546
ISO Grade	22	32	46	68	100
SAE Grade	~ 5	~ 10	~ 15	~ 20	~ 30
API Gravity @ 60°F	31.6	30.5	30.0	29.3	28.9
Specific Gravity @ 60°F	0.8676	0.8735	0.8762	0.8800	0.8822
Density @ 60°F	7.2230	7.2722	7.2977	7.3282	7.3457
Viscosity (cSt) @ 100°C	4.2	5.4	6.8	8.6	10.9
Viscosity (cSt) @ 40°C	22.0	32.0	46.0	68.0	100.0
Viscosity (SSU) @ 100°F	106	165	214	315	463
Viscosity (SSU) @ 210°F	40.1	44.2	48.4	56.1	63.7
Flash Point °F	>450	>450	>450	>450	>450
Pour Point °F	-15	-15	-15	-15	-15
Rust Test	Pass	Pass	Pass	Pass	Pass
Viscosity Index	>100	>100	>100	>100	>100
AGMA R&O Number	—	—	1	2	3
TOST, nrs to 2NN	9,000+	9,000+	9,000+	9,000+	9,000+
Copper Strip Corrosion Test 3hrs @212°F	1B	1B	1B	1B	1B
Foam Test, Sequence II ml foam @ 0/10 min	0/0	0/0	0/0	0/0	0/0

**Do not use this product for farm tractor fluid. Equipment with wet brakes or a torque converter must use a torque hydraulic fluid.**

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