

# SPL Hy Series

## Product Data Sheet

**Sykes SPL Hy** zinc-free ashless hydraulic oils are formulated from the highest quality synthetic hydrocarbons to meet the requirements of all types of hydraulic systems. **SPL Hy** oils are rust and oxidation inhibited to protect against rust, wear and the formation of sludge. They are compatible with seal materials normally used in hydraulic systems.

**Sykes SPL Hy** zinc-free ashless hydraulic oils contain additives necessary to meet requirements for Denison HF-O, Vickers industrial and mobile applications and Cincinnati Milacron P-68, P-69 and P-70 specifications.

### Physical Properties

Products	SPL Hy-15	SPL Hy-32	SPL Hy-46	SPL Hy-68	SPL Hy-100
ISO Grade	15	32	46	68	100
Specific Gravity	0.8195	0.852	0.856	0.863	0.868
Viscosity					
@ 40°C, cSt	15.5	32.0	43.5	64.1	95.0
@ 100°C, cSt	3.63	5.80	7.25	9.60	12.7
@ 100°F, SUS	84.6	163	223	329	491
@ 210°F, SUS	38.5	45.7	50.4	58.7	70.6
Viscosity Index	118	125	128	131	130
Flash Point, °F (°C)	405 (207)	465 (241)	470 (243)	480 (249)	490 (254)
FZG Load Stage	-	>11	>11	>11	>11
Fire Point, °F (°C)	430 (221)	495 (257)	505 (263)	515 (268)	525 (274)
Pour Point, °F (°C)	-85 (-65)	-60 (-51)	-55 (-48)	-40 (-40)	-30 (-34)

### Percent By Weight:

Phosphorous: 0.053  
Sulfur: 0.111  
Nitrogen: 0.018

### Shelf Life:

Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.