



Semi-Synthetic Hydraulic Oils

DS-9000-32, DS-9000-46, DS-9000-68

Product Description

DS-9000 series products are custom blended, highly refined, hydrotreated base oils with additives to produce a premium, extended life, rust and oxidation-inhibited hydraulic oil. They are formulated to give good demulsibility and anti-foam properties. They also have excellent lubricity and anti-wear characteristics.

Typical Applications

DS-9000 series products are premium anti-wear hydraulic oils developed for use in all high output and conventional hydraulic systems, piston, gear, and vane pumps. Their high quality base fluids and superior additive systems meet or exceed the performance level of other premium AVV hydraulic oils.

DS-9000 series products are recommended for all hydraulic systems operating at normal ambient temperatures.

Typical Properties*

Viscosity	32	46	68
@ 40°C cSt per ASTM D445	30.5	44.0	65.3
@ 100°C cSt	5.3	6.7	8.71
@ 100°F SUS	156	225	339
@ 210°F SUS	43.7	48.1	55.2
Viscosity Index, per ASTM D2270	106	106	106
Flash Point, C.O.C., °F (°C) per ASTM D92	410 (210)	432 (222)	450 (232)
Fire Point, C.O.C., °F (°C) per ASTM D92	455 (235)	477 (247)	495 (257)
Pour Point, °F (°C) per ASTM D97	-27 (-33)	-27 (-33)	-27 (-33)
Density lb./gal. 60°F (15°C)	7.2	7.2	7.2
Specific Gravity @ 72°F per ASTM D1298	0.864	0.864	0.864

*These values are not intended for use in preparing specifications.

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