



HYDROCON 300 SERIES

Anti-wear Hydraulic Oils

Typical Properties

Hydrocon 300 Series oils have shown good oxidation stability, good rust protection, D-665A pass, and demulsibility, D-1401 40-37-3 (30). They protect piston, gear, and vane pumps and are commonly chosen for circulating oil systems and general lubrication. These fine quality oils are especially good for reducing loss due to leaky seals because of the lower aniline points.

ISO Grade		32	46	68	100	150
Cross Grade		<u>332</u>	<u>346</u>	<u>368</u>	<u>3100</u>	<u>3150</u>
<u>PROPERTY</u>	<u>ASTM METH.</u>					
Gravity, API	D-4052	24.3	23.7	22.8	22.5	21.5
Flash, °C	D-92	170	183	191	202	213
°F		340	360	375	395	415
Viscosity, cSt @ 40°C	D-445	30.7	44.0	66.42	97.6	143.7
cSt @ 100° C	D-445	4.6	5.62	6.88	8.54	11.05
SUS @ 100°F	D-2161	160	230	350	519	769
SUS @ 210°F	D-2161	41.4	44.7	49.3	55.3	63.7
Viscosity Index	D-2270	31	31	32	32	40
Pour Point, °C	D-97	-40	-38	-33	-23	-21
°F		-40	-35	-25	-10	-5
Aniline Point, °C	D-611	79	81	84	86	88
°F		174	178	183	187	190
Color	D-1500	1.0	L 1.5	L 1.5	L 2.0	L 2.0
Zinc, % Weight	AA	.032	.032	.032	.032	.032