



FA-ST UK Ltd Hydraulic Fluid Application for KLEENOIL Filtration Units

Determine the required standard of filtration you require from the chart below:

Pumps	< 2000 PSI	2000-3000 PSI	3000 + PSI
Fixed Gear	18/15	--	N/A
Fixed Vane	18/15	--	16/13
Fixed Piston	17/15	--	15/13
Variable Vane	16/14	--	N/A
Variable Piston	16/14	--	14/12
Valves	--	2000 PSI	3000 + PSI
Directional (Solenoid)	--	18/15	17/14
Pressure Control (Modulating)	--	17/14	17/14
Flow Control (Standard)	--	17/14	17/14
Check Valves	--	18/15	18/15
Cartridge Valves	--	16/13	15/12
Proportional Flow Control	--	15/13	15/13
Servo Valves	--	14/11	13/10
Cylinders/Motors	1000 PSI	2000 PSI	3000 PSI
Van Motors	18/15	17/14	16/13
Axial Piston Motors	17/14	16/13	15/12
Gear Motors	--	--	--

Cleanliness Classes to NAS 1638

Cleanliness Class	Particle Size in Microns					ISO 4406
	5-15	15-25	25-50	50-100	>100	
00	125	22	4	1	0	8/5
0	250	44	8	2	0	9/6
1	500	89	16	3	1	10/7
2	1000	178	32	6	1	11/8
3	2000	356	63	11	2	12/9
4	4000	712	126	22	4	13/10
5	8000	1425	253	45	8	14/11
6	16000	2850	506	90	16	15/12
7	32000	5700	1012	180	32	16/13
8	64000	11400	2025	360	64	17/14
9	128000	22800	4050	720	128	18/15
10	256000	45600	8100	1440	256	19/16
11	512000	91200	16200	2880	512	20/17
12	1024000	182400	32400	5760	1024	21/18



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