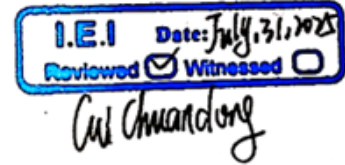


验收准则: DI003-ZJS14001/G

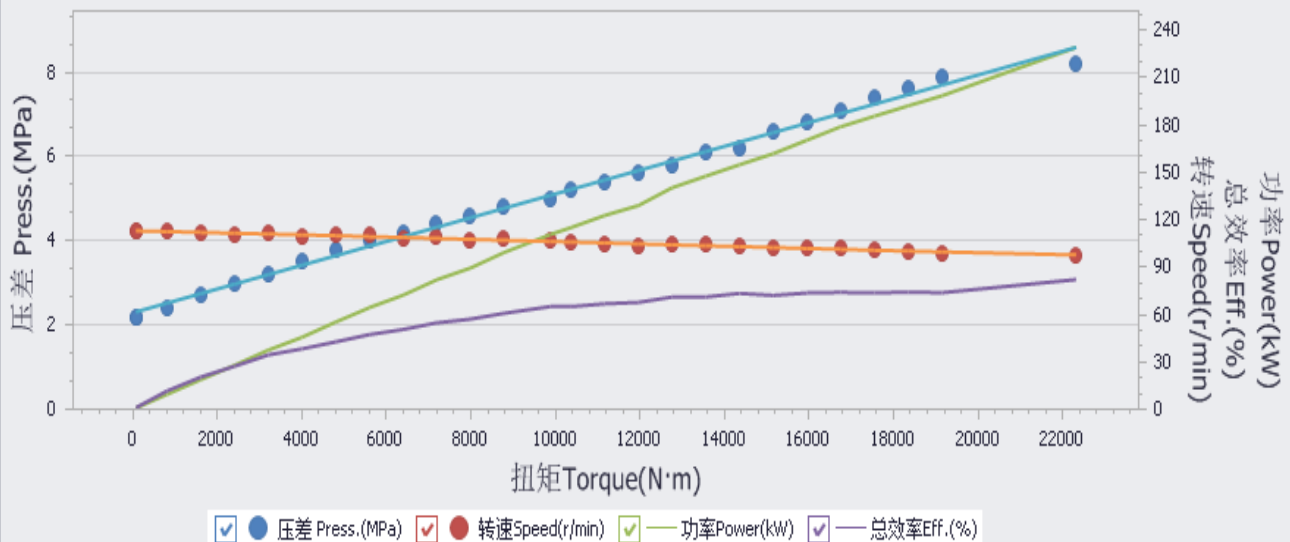
生产厂家(manufacturing plant):
操作人员(Operator of Testing):
钻具型号(Type of Drilling):
试验设备(Device of Testing):
试验日期(Testing Date):
定子号/尺寸(Stator No./Dim.):
转子号/尺寸(Rotor No./Dim.):
过盈量(Interference Fit):
排量(Flow):
启动排量/入口压力()
旁通阀关闭压力/排量():
旁通阀打开压力/排量():
备注(Remark):

德州联合石油科技股份有限公司
赵建辉
7LZ244×7.0 V-KW (730×730-438)
75DGSY
25.06.16
2547509
2503035
0.16
55

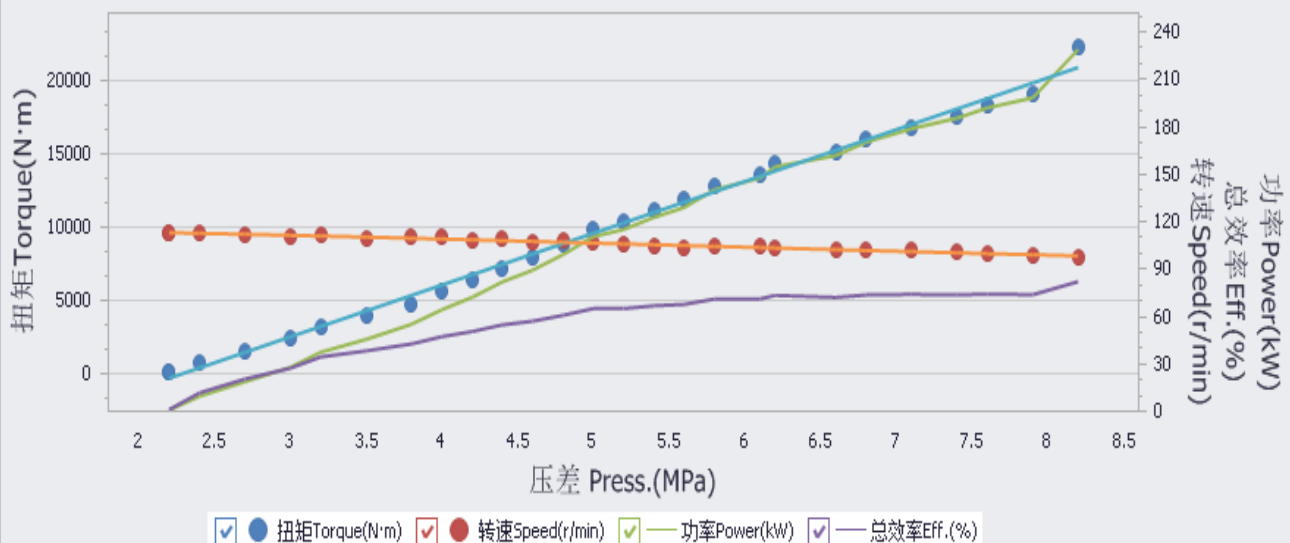
DT25050346



螺杆钻具的动力特性 Dynamic performance of DHM



螺杆钻具的动力特性 Dynamic performance of DHM



各种状态下的数据处理结果

A variety of state data processing results

	扭矩	效率	功率	转速	压差
	Torque	Eff.	Power	Speed	Press.
	N • m	%	KW	r/min	Mpa
空转状态no-load	72	1.14	0.85	113	2.2
效率最高MaxEff.	22318	82.15	229.02	98	8.2
功率最高MaxPower	22318	82.15	229.02	98	8.2
扭矩最高MaxTorque	22318	82.15	229.02	98	8.2

试 验 数 据

Testing Data

扭 矩	效 率	功 率	转 速	进口压力	出口压力	循环流量	温 度	壳体温度
Torque	Eff.	Power	Speed	Press.	Press.	Flowrate	Temp	ShellTemp
N • m	%	KW	r/min	Mpa	Mpa	L/s	℃	℃
72.00	1.14	0.85	113	2.2	0	34	16.4	36
807.00	11.70	9.55	113	2.4	0	34	16.4	36
1604.00	20.49	18.81	112	2.7	0	34	16.4	37
2401.00	27.36	27.91	111	3	0	34	16.4	37
3198.00	34.47	37.51	112	3.2	0	34	16.4	37
3995.00	38.32	45.60	109	3.5	0	34	16.4	37
4792.00	42.72	55.20	110	3.8	0	34	16.4	37
5589.00	47.34	64.38	110	4	0	34	16.4	37
6386.00	50.57	72.22	108	4.2	0	34	16.4	37
7183.00	54.80	81.98	109	4.4	0	34	16.4	37
7980.00	57.17	89.41	107	4.6	0	34	16.4	37
8777.00	60.82	99.26	108	4.8	0	34	16.4	37
9874.00	65.08	110.63	107	5	0	34	16.5	37
10371.00	65.11	115.11	106	5.2	0	34	16.5	38
11168.00	66.88	122.79	105	5.4	0	34	16.5	38
11965.00	67.78	129.05	103	5.6	0	34	16.5	38
12762.00	71.15	140.32	105	5.8	0	34	16.5	38
13559.00	71.19	147.66	104	6.1	0	34	16.5	38
14356.00	73.45	154.83	103	6.2	0	34	16.4	37
15153.00	72.12	161.84	102	6.6	0	34	16.4	37
15950.00	73.68	170.36	102	6.8	0	34	16.4	37
16747.00	74.10	178.87	102	7.1	0	34	16.4	37
17544.00	73.75	185.54	101	7.4	0	34	16.4	37
18341.00	74.32	192.05	100	7.6	0	34	16.4	37
19138.00	73.86	198.39	99	7.9	0	34	16.4	37
22318.00	82.15	229.02	98	8.2	0	34	16.4	37