

## Drilling Chemical Sourcing List

#	Material	Category	Description
1	1000021602	Drilling Chemical	WBM HT Fluid Loss Reducer
2	1000021608	Drilling Chemical	WBM Bore Hole Stabilizer
3	1000021675	Drilling Chemical	WBM HT Fluid Loss Reducer
4	1000021671	Drilling Chemical	H2S Scavenger
5	1000021973	Drilling Chemical	Mutual Solvent
6	1000022135	Drilling Chemical	HTHP Corrosion Inhibitor
7	1000022138	Drilling Chemical	Low Toxicity Mineral Oil
8	1000823699	Drilling Chemical	OBM Thinner
9	1000022171	Drilling Chemical	OBM Wetting Agent
10	1000022172	Drilling Chemical	OBM Fluid Loss Reducer
11	1000022173	Drilling Chemical	OBM Secondary Emulsifer
12	1000022175	Drilling Chemical	OBM Primary Emulsifer
13	1000022178	Drilling Chemical	Freeing Stuck-Pipe Agent
14	1000720919	Drilling Chemical	Hole Cleaning sweep agent
15	1000757580	Drilling Chemical	Lubricant for WBM
16	1000774613	Drilling Chemical	Premium Lubricant for WBM
17	1000779780	Drilling Chemical	Oil-in-water Emulsifier (Direct Emulsion WBM)
18	1000788390	Drilling Chemical	WBM HT Fluid Loss Reducer
19	1000813534	Drilling Chemical	Lost circulation and bridging agent (fine)
20	1000813690	Drilling Chemical	Lost circulation and bridging agent (medium)
21	1000813535	Drilling Chemical	Lost circulation and bridging agent (coars)
22	1000823316	Drilling Chemical	HT Polymer Stabilizer
23	1000829739	Drilling Chemical	HT Polymer Stabilizer
24	1000720918	Drilling Chemical	Solids Beads for lubrication
25	1000824113	Drilling Chemical	GUAR GUM: Viscosifier for high salt water
26	1000815463	Drilling Chemical	WBM Defoamer
27	1000813531	Drilling Chemical	EC-103 (EMULSION BREAKER)
28	1000813532	Drilling Chemical	EC 106 (VISCOSITY REDUCER)
29	1000820609	Drilling Chemical	EC-101(CUTTING WASH )
30	1000823315	Drilling Chemical	ALL-TEMP: deflocculant and rheological stabilizer
31	1000823317	Drilling Chemical	CHEMTROL X: high-temperature filtration-control agent
32	1000823318	Drilling Chemical	KEM-SEAL PLUS: copolymer filtration control product
33	1000823316	Drilling Chemical	ECCO-TEMP: Temperature extended
34	1000813125	Drilling Chemical	COASTAL SPOT, freeing stuck agent
35	1000813126	Drilling Chemical	SX-PLUS, graphite as lubricant
36	1000757568	Drilling Chemical	X-Link Retarder
37	1000757567	Drilling Chemical	X-Link Powder Solid Form, Lost Circulation Material
38	1000029881	Drilling Chemical	Empty BIG BAG for Barite
39	1000029882	Drilling Chemical	Empty BIG BAG for Bentonite
40	1000029930	Drilling Chemical	ZIP TIE for BIG BAG
41	1000029887	Drilling Chemical	Lifting Ring for BIG BAG
42	1000775552	Drilling Chemical	Penetrex: ROP enhancer
43	1000775553	Drilling Chemical	Max-Plex: Bore hole stabilizer
44	1000775554	Drilling Chemical	Max-Guard: clay Suppressing agent
45	1000812301	Drilling Chemical	Clayseal: clay Suppressing agent
46	1000812016	Drilling Chemical	GEM GP: shale inhibitor
47	1000812015	Drilling Chemical	BORE-HIB: bore hole stabilizer
48	1000758660	Drilling Chemical	LC-Lube: lcm and bridge agent
49	1000758661	Drilling Chemical	LC-Lube Fine: lcm and bridge agent
50	1000758663	Drilling Chemical	Max-Shield: Sealing Polymer agent
51	1000775555	Drilling Chemical	Steel Seal: Graphite to control/ bridge Seepage
52	1000775556	Drilling Chemical	Steel Seal Fine: lcm and bridge agent
53	1000775557	Drilling Chemical	BDF-398: lcm and bridge agent
54	1000775561	Drilling Chemical	Clay Grabber: Flocculent & Encapsulated Clay agent (also for HPWBM)
55	1000775562	Drilling Chemical	Clay Sync: a Clay inhibitor (also for HPWBM)

56	1000811421	Drilling Chemical	OHR-759,A co-surfactant agent.
57	1000811422	Drilling Chemical	OHR-AC, Acid corrosion inhibitor
58	1000811423	Drilling Chemical	OHR-757, Blend surfactants de-emulsifier agentagent
59	1000811424	Drilling Chemical	OHR-750,Blend surfactants de-emulsifyer and water wetting agent
60	1000811425	Drilling Chemical	PRIME-743,-blend surfactants de-emulsifier and water wetting agent
61	1000811426	Drilling Chemical	PRIME-760, blend surfactants de-emulsifier and water wetting agent
62	1000811427	Drilling Chemical	PRIME-770, blend surfactants de-emulsifier and water wetting agent
63	1000814796	Drilling Chemical	GLACIAL ACETIC ACID, carbonate filter cake breaker
64	1000811877	Drilling Chemical	FORMIC ACID, carbonate filter cake breaker
65	1000811529	Drilling Chemical	LOSURF-259, surfactant
66	1000811540	Drilling Chemical	MUSOL, mutual solvent
67	1000811647	Drilling Chemical	N-FLOW 325, Formic Acid Precursor
68	1000812034	Drilling Chemical	BDF-443, Wetting agent surfactant
69	1000021600	Drilling Chemical	WBM HT Thinner
70	1000021552	Drilling Chemical	Viscosifier and fluid loss
71	1000021672	Drilling Chemical	Completion fluid Viscosifier
72	1000021741	Drilling Chemical	Completion fluid
73	1000021744	Drilling Chemical	Completion fluids and shale inhibitor
74	1000021930	Drilling Chemical	WBM Viscosifier
75	1000022174	Drilling Chemical	OBM Viscosifier
76	1000022179	Drilling Chemical	WBM LUBRICANT
77	1000022631	Drilling Chemical	Cement
78	1000774250	Drilling Chemical	Base brine fluid and completion fluid
79	1000774251	Drilling Chemical	Base brine fluid and completion fluid
80	1000774252	Drilling Chemical	Base brine fluid and completion fluid
81	1000827162	Drilling Chemical	WBM HT Thinner
82	1000021557	Drilling Chemical	Base brine fluid and completion fluid
83	1000021605	Drilling Chemical	WBM Viscosifier and Fluid loss control
84	1000021670	Drilling Chemical	WBM thinner
85	1000021813	Drilling Chemical	Weighting and bridging material agent
86	1000021975	Drilling Chemical	WBM Detergent
87	1000022170	Drilling Chemical	WBM Fluid Loss Redudcer
88	1000022533	Drilling Chemical	Base brine fluid and completion fluid
89	1000757569	Drilling Chemical	WBM Viscosifier
90	1000757581	Drilling Chemical	H2S Scavenger
91	1000757582	Drilling Chemical	Acid Soluable LCM
92	1000021604	Drilling Chemical	WBM Defoamder
93	1000021607	Drilling Chemical	Shale Stabilizer
94	1000021559	Drilling Chemical	Calcium ++ Source
95	1000775550	Drilling Chemical	LCM
96	1000775551	Drilling Chemical	LCM
97	1000775558	Drilling Chemical	LCM and Bridging agent
98	1000775559	Drilling Chemical	LCM and Bridging agent
99	1000775560	Drilling Chemical	LCM and Bridging agent
100	1000815368	Drilling Chemical	LIQUID WBM Viscosifier
101	1000022425	Drilling Chemical	Weighting Agent
102	1000876985	Drilling Chemical	Non-damaging LCM
103	1000877462	Drilling Chemical	SBP-9125 , cleaning surfactants
104	1000877461	Drilling Chemical	SBP-4620 cleaning surfactants
105	1000877460	Drilling Chemical	SBP-101 cleaning solvent
106	1000877299	Drilling Chemical	SBP-SPACER MIX, viscosity agent
107	1000877298	Drilling Chemical	SBP-600 BIOCID
108	1000877297	Drilling Chemical	SBP-85 GEL-E liquid viscosifier
109	1000877296	Drilling Chemical	SBP-24 DEFOAMER,
110	1000877463	Drilling Chemical	SBP-9755 cleaning SURFACTANT
111	1000883084	Drilling Chemical	Well Bore Strengthening and fluid loss control agent
112	1000885304	Drilling Chemical	OBM Lubricant
113	1000888051	Drilling Chemical	Thermaset 100-2, Resine for high temperature (> 95 C)

114	1000888052	Drilling Chemical	Thermaset 55-4, Resine for low temperature (< 95 C)
115	1000888050	Drilling Chemical	Glass Filler, weighing agent
116	1000888053	Drilling Chemical	AEROSOL/ORISIL 200, silicate viscosifier
117	1000888054	Drilling Chemical	CI 40 (Norpol peroxide 40), Curing Initiator (> 95 C)
118	1000888055	Drilling Chemical	CI 65 (Dibenzoyl Peroxide-Benox L-40LV), Curing Initiator (<95 C)
119	1000888056	Drilling Chemical	Thermaset Cleaner (Estisol 150), Solvent for equipment cleaning
120	1000892845	Drilling Chemical	DI-Trol , Fluid loss control
121	1000892842	Drilling Chemical	DI-Balance, pH control agent and viscosity enhancer
122	1000892844	Drilling Chemical	DI-Boost, viscosifier
123	1000904194	Drilling Chemical	LE SUPERMUL, emulsifier
124	1000904195	Drilling Chemical	FACTANT, fluid loss control
125	1000904196	Drilling Chemical	BDF-513, fluid loss control
126	1000904197	Drilling Chemical	BDF-489, viscosifier
127	1000904198	Drilling Chemical	ADAPTA, fluid loss control
128	1000904199	Drilling Chemical	RHEOMOD-L, viscosifier
129	1000908546	Drilling Chemical	TAU MOD, Viscosifier/Suspension Agent
130	1000904472	Drilling Chemical	Rheology modifier
131	1000843350	Drilling Chemical	H2S Scavenger
132	1000847072	Drilling Chemical	HT rheology stabilizer and fluid loss control agent
133	1000866812	Drilling Chemical	Non-conventional LCM
134	1000881942	Drilling Chemical	(EZ Squeeze), non-conventional LCM
135	1000881943	Drilling Chemical	Swelcm , Gelled swelling sealing LCM
136	1000875822	Drilling Chemical	DRILZONE, ROP enhancer
137	1000875823	Drilling Chemical	KLA-STOP, clay supressing agent
138	1000875824	Drilling Chemical	IDCAP-D , Flocculent & Encapsulated Clay
139	1000875825	Drilling Chemical	POROSEAL , Sealing Polymer
140	1000792802	Drilling Chemical	Lost Circulation Material
141	1000792803	Drilling Chemical	Lost Circulation Material
142	1000792804	Drilling Chemical	Lost Circulation Material
143	1000908534	Drilling Chemical	Barabrine : Defoamer
144	1000908458	Drilling Chemical	BaraZan D plus:Viscosifier / suspension agent
145	1000908535	Drilling Chemical	BaraCarb 150: weighting material, bridging material, LCM
146	1000908459	Drilling Chemical	Oxygon:corrosion inhibitor
147	1000857139	Drilling Chemical	Lubricant
148	1000758662	Drilling Chemical	WBM Filtration Control
149	1000022538	Drilling Chemical	Salt, CaCl2
150	1000789179	Drilling Chemical	Rheology Modifier
151	1000845182	Drilling Chemical	H2S Scavenger
152	1000847075	Drilling Chemical	Salt, NaBr
153	1000021819	Drilling Chemical	LCM
154	1000021749	Drilling Chemical	Alkalinity Control
155	1000021556	Drilling Chemical	Biocide
156	1000022136	Drilling Chemical	Corrosion Inhibitor
157	1000021811	Drilling Chemical	LCM
158	1000021745	Drilling Chemical	Alkalinity Control
159	1000022131	Drilling Chemical	Degraser
160	1000021679	Drilling Chemical	LCM
161	1000021678	Drilling Chemical	LCM
162	1000185026	Drilling Chemical	O2 Scavenger
163	1000021558	Drilling Chemical	Alkalinity Control
164	1000876207	Drilling Chemical	Hole cleaning agent
165	1000021818	Drilling Chemical	LCM
166	1000022134	Drilling Chemical	Corrosion Inhibitor
167	1000022536	Drilling Chemical	Salt, CaCl2
168	1000021551	Drilling Chemical	WBM Viscosifier
169	1000845612	Drilling Chemical	Weighting Agent
170	1000021603	Drilling Chemical	LCM
171	1000789221	Drilling Chemical	LCM

172	1000021673	Drilling Chemical	Shale Stabilizer
173	1000021677	Drilling Chemical	LCM
174	1000021817	Drilling Chemical	LCM
175	1000732382	Drilling Chemical	Degraser
176	1000021815	Drilling Chemical	LCM
177	1000021676	Drilling Chemical	LCM
178	1000021814	Drilling Chemical	LCM
179	1000845427	Drilling Chemical	Thinner
180	1000903746	Drilling Chemical	Cement spacer system
181	1000903745	Drilling Chemical	Cement spacer system
182	1000905195	Drilling Chemical	Wellbore cleanup
183	1000905196	Drilling Chemical	Wellbore cleanup
184	1000908540	Drilling Chemical	Wellbore cleanup
185	1000908544	Drilling Chemical	Low Toxicity Mineral Oil
186	1000022429	Drilling Chemical	Cement Additive
187	1000185389	Drilling Chemical	Alkalinity Control
188	1000789220	Drilling Chemical	LCM
189	1000840600	Drilling Chemical	Bag Component
190	1000847074	Drilling Chemical	Salt
191	1000866365	Drilling Chemical	Shale Stabilizer
192	1000866368	Drilling Chemical	OBM viscosifier