

SMO-5D (L-5S)

Severe underfoot conditions call for this durable 250-level bias mine tire. It's designed with an extra heavy sidewall to resist cuts and snags, and a 150% deeper tread than the standard L-3 for maximum wear. The smooth tread design eliminates lug tearing and is excellent for hard rock quarry service and mining operations.

Tire Size: 18.00-25

Available in ply ratings: 28

FEATURES	BENEFITS
250-Level tread depth—150% deeper than standard L-9	Deepest tread depth available for maximum wear
Advanced compounds with specially formulated high synthetics	Long wearing tread, tough durability in sever conditions and ultra abrasion cut resistance
Extra heavy sidewall	Resists cuts and snags
Smooth tread design	Elimination of lug tearing, excellent for hard rock quarry service and longer wear
Tough, durable casing	Additional impact and cut resistance and capable of multiple retreads

TIRE SPECS

			Inflated Dimensions				Loaded Dimensions											
Rim Width & Flange	Min. Dual Spacing		Overall Width		Overall Diameter		Load Sect & Growth		Static Load Rad		Revol Per		Gross Contact Area		Tire Volume		Tread Depth	
	in	mm	in	mm	in	mm	in	mm	in	mm	mi	km	in2	cm2	gal	ltrs	1/32in	mm
13.00-2.5	23.1	587	20.60	523.00	65.60	1666.00	22.2	564	30.2	767	312	191	265	1710	119	450.3	112	90

LOADS & INFLATIONS

5 MPH (10 KM/H) OFF-THE-ROAD UNDERGROUND MINE SERVICE												
PSI	69 (20)	73	76	80 (24)	83	87	91	94 (28)	98	102	105	109 (32)
LBS	25400 (20)	26000	26800	27600 (24)	28300	29100	30000	30000 (28)	30900	32000	32000	33100 (32)
KPA	475 (20)	500	525	550 (24)	575	600	625	650 (28)	675	700	725	750 (32)
Pressure (bar)	4.75 (20)	5	5.25	5.5 (24)	5.75	6	6.25	6.5 (28)	6.75	7	7.25	7.5 (32)
KG	11500 (20)	11800	12150	12500 (24)	12850	13200	13600	13600 (28)	14000	14500	14500	15000 (32)

5 MPH (10 KM/H) MAXIMUM SPEED OFF-THE-ROAD SLOW SPEED SERVICE																				
PSI	69 (20)	73	76	80 (24)	83	87	91	94 (28)	98	102	105	109 (32)	112	116	120	123 (36)	127	131	134	138 (40)
LBS	25400 (20)	26000	26800	27600 (24)	28300	29100	30000	30000 (28)	30900	32000	32000	33100 (32)	33100	34200	35300	35300 (36)	36400	36400	37500	37500 (40)
KPA	475 (20)	500	525	550 (24)	575	600	625	650 (28)	675	700	725	750 (32)	775	800	825	850 (36)	875	900	925	950 (40)
Pressure (bar)	4.75 (20)	5	5.25	5.5 (24)	5.75	6	6.25	6.5 (28)	6.75	7	7.25	7.5 (32)	7.75	8	8.25	8.5 (36)	8.75	9	9.25	9.5 (40)
KG	11500 (20)	11800	12150	12500 (24)	12850	13200	13600	13600 (28)	14000	14500	14500	15000 (32)	15000	15500	16000	16000 (36)	16500	16500	17000	17000 (40)

= Estimated Data