

PNEUMATIC NEEDLE SCALER TYPE “JEX 28” SILVER

I.CO. CODE 12200-28E Silver

OPERATION:

Scalers are rugged dependable tools designed to give you years of satisfactory service. Follow the instructions mentioned here to enhance life and performance of your scalers.

DAILY BEFORE OPERATING:

Disconnect and pour in 1 to 2 ounces of recommended oil into the tool and reconnect hose after blowing out any accumulated dirt in the hose line before connection.

SAFETY INSTRUCTIONS:

Always wear suitable protection Such as ‘eye goggles’ ear muffs’ safety shoes etc. to safeguard against possibility of flying particles. Never operate the tool over the rated 7 bar air pressure. Do not exert excessive pressure against the work surface. Keep hoses in good condition. Check hoses for signs of wear cracks & bulges and ensure that they are secure. Accidental disconnection while hose is pressurized makes the hose whip and can be a safety hazard.

AIR SUPPLY:

The Scalers work best at 5 to 7 bar air pressure. The air should be clean, dry and lubricated. Install a FRL unit as close as operation will permit.

CAUTION:

Assemble Nipple and reducer in the Housing (13) (supplied separately)

MAINTENANCE:

To disassemble 12200-28E Silver scaler disconnect air supply and loosen clamp bolt (2). Slide out needle guide (1). Remove safety band (9), unscrew stop ring (3). Pull out Needle supporter (4) and slide out needles (5). Slide out Anvil (6). Unscrew Rear Bolt (18) and tap out cylinder (10) and punch out lever pin (20) and remove lever (19). Examine all components for wear after washing with light diesel oil or suitable solvent. Replace any worn or damaged parts. Coat parts with recommended light oil and reassemble carefully in the reverse sequence.

RECOMMENDED LUBRICANTS:

	ABOVE 27°C - 80°F	5°C-27°C 80°F	40°F-	BELOW 5°C 40°F
SHELL	Toona R. 72	Toona R. 41		Toona R.27
MOBIL	Almo 529	Almo 527		Almo 525
ESSO	-----	Arox.EP.65		Arox EP.45
CALTEX	Rando Oil 100	Rando Oil 100		Rando Oil 46
CP	-----	-----		Airolene Tool Oil
TEXACO	Regal oil F (R&O)	Regal Oil PE (P&E)		Regal Oil PE (R&O)
DALTRON	Silkolene 881	Silkolene 548/T		Silkolene 733
BURMAH CASTROL	Castrol RD Oil 3	Castrol Rd Oil Light		Megna SPX
DUCKHAM	Garnet 7	Garnet 6		Zero Fio 5
STERNOL	Merlin 87	Merlin 71		Merlin 54
PETROFINA	Purifoc 53	Purifoc 46		Purifoc 32
CHEVRON	Vistac Oil 18X	Vistac Oil 19X		Vistac Oil 9X
IND OIL	Servo Spyn – 22	-----		-----

LUBRICATION REQUIREMENTS:

Always install a line lubricator on the air line as close to the tool as possible. A Filter Regulator Lubricator unit (FRL) is strongly recommended. Keep the lubricator bowl topped up with recommended grade of oil and check that the oil is reaching the tool. Running the tool without lubrication is likely to cause damage to the components causing premature replacement.

