SQL Server Lock Compatibility Chart

	NL	SCH-S	SCH-M	S	U	X	IS	IU	IX	SIU	SIX	UIX	BU	RS-S	RS-U	RI-N	RI-S	RI-U	RI-X	RX-S	RX-U	RX-X
NL																						
SCH-S																						
SCH-M																						
S																						
U																						
X																						
IS																						
IU																						
IX																						
SIU																						
SIX																						
UIX																						
BU																						
RS-S																						
RS-U																						
RI-N																						
RI-S																						
RI-U																						
RI-X																						
RX-S																						
RX-U																						
RX-X																						

Compatible
Incompatible
Illegal

NL	No Lock	IX	Intent Exclusive	RI-S	Insert Range-Shared
SCH-S	Schema Stability Lock	SIU	Share with Intent Update	RI-U	Insert Range-Update
SCH-M	Schema Modification Lock	SIX	Share with Intent Exclusive	RI-X	Insert Range-Exclusive
S	Shared	UIX	Update with Intent Exclusive	RX-S	Exclusive Range-Shared
U	Update	BU	Bulk Update	RX-U	Exclusive Range-Update
X	Exclusive	RS-S	Shared Range-Shared	RX-X	Exclusive Range-Exclusive
IS	Intent Shared	RS-U	Shared Range-Update		
IU	Intent Update	RI-N	Insert Range-Null		