$$\begin{bmatrix}
wx^2yz^2 & 0 & 0 & w^2x^4yz^2 & 0 & w^2x^6yz^2 & 0 & w^3x^6y & wx^2yz^2 & 0 & w^2x^4yz^2 & wx^2yz^2 \\
0 & wx^2yz^2 & 0 & w^2x^4yz^2 & 0 & 0 & w^2x^4yz^2 & w^3x^6yz & wx^2yz^2 & wx^2yz^2 & w^2x^4yz^2 & wx^2yz^2 \\
0 & 0 & wx^2yz^2 & 0 & 0 & w^2x^6yz^2 & w^2x^4yz^2 & w^3x^6y & 0 & wx^2yz^2 & w^2x^4yz^2 & wx^2yz^2 \\
wx^2y & wx^2y & 0 & w^2x^2yz^{-2} & 0 & w^2x^4y & w^2x^4y & w^3x^4yz^{-1} & wx^2y & wx^2y & w^2x^2yz^{-2} & wx^2y \\
wx^2y & 0 & wx^2y & w^2x^4y & w^2x^4y & 0 & w^2x^4y & w^3x^4yz^{-2} & wx^2y & wx^2y & 2w^2x^4y & 2wx^2y \\
0 & 0 & 0 & 0 & 0 & w^2x^4yz^4 & 0 & w^3x^4yz^2 & 0 & 0 & 0 & 0 \\
0 & wx^2y & wx^2y & w^2x^4y & 0 & w^2x^6y & w^2x^2yz^{-2} & w^3x^4yz^{-1} & wx^2y & wx^2y & 2w^2x^2yz^{-2} & 2wx^2y \\
wx^2y & wx^2yz & wx^2y & w^2x^2yz^{-1} & w^2x^4y & 0 & w^2x^2yz^{-1} & w^3x^2yz^{-1} & wx^2y+wx^2yz & wx^2y+wx^2yz & 2w^2x^2yz^{-1} & 2wx^2y+wx^2yz \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & wx^2yz^2 & 0 & w^2x^4yz^2 & wx^2yz^2 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & wx^2yz^2 & w^2x^4yz^2 & wx^2yz^2 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & wx^2y & wx^2y & w^2x^2yz^{-2} & 2wx^2y \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & wx^2yz^2
\end{bmatrix}$$