$$\overline{f \bigcirc ||_n h_k} = \hat{f}^{n:k} \bigcirc ||_n h_k$$

$$\hat{f}^{n:k}(s) = s \int\limits_{dt}^{0|\infty} J_{k-1-n/2}(st) \left(\frac{t}{s}\right)^{k+n/2} f(t)$$

$$(g \bowtie v)(s) = \int\limits_{dt}^{0|\infty} \sqrt{\frac{s}{t}}^{-n/2-1} J_{n/2-1}\left(\frac{\sqrt{st}}{b}\right) \exp\left(i\frac{ds+at}{b}\right) v(t)$$