

CLAIMS

1. A drag reducing agent comprising:
a polymer composed of one or more C₆-C₁₄ α-olefin monomers, the polymer comprising a residual amount of zirconium, the polymer having an absolute weight average molecular weight (Mw_(Abs)) greater than 1,300,000 g/mol and a Mw_(Abs)/ Mn_(Abs) from 1.3 to 3.0; and
a liquid carrier.
2. The drag reducing agent of claim 1 wherein the polymer comprises from 0 ppm to less than 10 ppm titanium.
3. The drag reducing agent of any of claims 1-2 wherein the polymer comprises from greater than 0 ppm to 300 ppm zirconium.
4. The drag reducing agent of any of claims 1-3 wherein the polymer comprises from greater than 0 ppm to 300 ppm germanium.
5. The drag reducing agent of any of claims 1-4 wherein the polymer is selected from the group consisting of octene homopolymer and hexene homopolymer.
6. The drag reducing agent of any of claims 1-5 wherein the liquid carrier is selected from the group consisting of a linear C₄-C₁₆ aliphatic hydrocarbon, a branched C₄-C₁₄ aliphatic hydrocarbon, a ringed C₄-C₁₆ aliphatic hydrocarbon, and combinations thereof.
7. The drag reducing agent of any of claims 1-6 comprising
from 10 wt% to 80 wt% of the polymer; and
from 20 wt% to 90 wt% of the liquid carrier.
8. The drag reducing agent of any of claims 1-7 wherein the drag reducing agent has a viscosity from $2.9014 \times 10^{+05}$ m-Pas to $3.573 \times 10^{+07}$ m-Pas.