





PS VALUE GUIDE DIESEL ADDITIVES

| Manufacturer | | BIOBOR JF  | RACOR BIOCID  | STANADYNE | STAR BRITE  | STAR BRITE | VALVTECT  |
|------------------------------|--------|--|---|---------------------|---|------------------------------------|---|
| Product | | Hammonds | Racor | Performance Formula | Biodiesel | Star Tron Diesel | Bioguard |
| Price* | | \$12 | \$15 | \$7 | \$21 | \$20 | \$20 |
| Quantity | | 8 oz. | 16 oz. | 16 oz. | 16 oz. | 16 oz. | 16 oz. |
| Shock dose | | .025 oz./ gal. | .025 oz./ gal. | .27 oz./ gal. | .03 oz./ gal. | .03 oz./ gal. | .03 oz./gal. |
| Maintenance dose | | .0125 oz./ gal. | .0125 oz./ gal. | .27 oz./ gal. | .017 oz./ gal. | .03 oz./ gal. | .017 oz./gal. |
| Shock cost | | 4¢/gal. | 2¢/gal. | 12¢/gal. | 4¢ /gal. | 4¢ /gal. | 4¢ /gal. |
| Maintanace cost | | 2¢ /gal. | 1¢ /gal. | 12¢ /gal. | 2¢ /gal. | 4¢ /gal. | 2¢ /gal. |
| Claims | | Biocide | Biocide | Better performance | Biocide | Disperse bacteria, ease filtration | Biocide |
| Registered pesticide | | Yes | Yes | No | Yes | No | Yes |
| Phase (Solubility) | | Oil, thick, mix with diesel before adding. | Water/oil emulsion | Oil | Water | Water | Oil |
| Microbe count/ "A" Culture** | 24 hr. | 10,000 | 10,000 | 1,000 | 0 | 100 | 100 |
| | 48 hr. | 10,000 | 10,000 | 1,000 | 0 | 1,000 | 100 |
| Microbe count/ "B" Culture | 24 hr. | 0 | 0 | 10,000 | 2,000 | 10,000 | 2,000 |
| | 48 hr. | 0 | 0 | 10,000 | 2,000 | 10,000 | 2,000 |

 Recommended

*Average retail price. **Two control samples, one diesel and one biodiesel, showed biomass counts of 10,000 at all sample periods.