



HP GAS DOLPHIN

A POWERFUL ADDITIVE FOR POWERING FISHING BOAT O/B ENGINES



Improves Performance

No Harm to Environment

The Future of Sustainable Marine LPG is Here!

HPCL's additized LPG ensures cleaner, more efficient, and higher-performing outboard engines—a revolutionary step toward sustainable fuel solutions for India's fishing industry.





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Key Benefits

- ✓ **Chaeaper than traditional fuels, MS and kerosene**
- ✓ **Lower engine deposits**
- ✓ **Cleaner emissions –**
 - ◆ **40% less hydrocarbon emissions**
 - ◆ **35% lower NOx emissions**
 - ◆ **50% less CO emissions**
- ✓ **Lower Brake Specific Energy Consumption (BSEC) –**
Enhancing fuel efficiency
- ✓ **Reduced carbon footprint –** Supporting a greener future

Unique Features

- ✓ **Indigenously developed performance-enhanced LPG**
- ✓ **Infused with a cutting-edge additive** that boosts **Flame Velocity (laminar & turbulent) by 20%**
- ✓ **Advances the flame front** in the combustion chamber for better combustion efficiency
- ✓ **Improves Mean Effective Pressure (MEP)** for higher power output
- ✓ **Optimized for low air-to-fuel ratios ($\lambda < 0.9$)**, ensuring peak performance in LPG engines
- ✓ **Homogeneous and environmentally benign additive**

