

Case Study | Marine Engine Valdai-45R Passenger Hydrofoil

Cylinders (MAN engine) 21.9 litre

65 km/h

3 cylinder, 1.1L Kubota auxiliary engine

- SAE 10W-40 MAN M 3275 engine oil following OEM service intervals of 400 hours for the main engine and 150 hours for the auxiliary engine.
- Real-world extended oil service interval to evaluate the performance and fuel economy benefits of CuGlide[™]-powered synthetic no-SAPS SAE 10W-40 engine lubricant!

Operating on rivers for business and tourism, hydrofoil boats transport ~45 passengers at high speed.

Hydrofoil technology allows boats to glide over the surface of the water at high speeds, reducing drag and allowing the boat to go faster with less power.

CuGlide[™] x Valdai-45R hydrofoil provides owners with extended engine protection, fuel efficiency, and profitability



- Up to 450 hours oil life compared to conventional lubricant.
- Opportunity to extend and synchronize oil service intervals.



- Fuel savings of 4.0-4.9%.
- Direct cost savings of £1470/month per vessel on fuel.
- Equivalent to 1,050 litres less diesel fuel used per month.



- Satisfactory protection for both engines for 450 hours.
- Exceptional anti-wear and detergency properties.

It's time for change.

For more information on Neol's innovative lubricant technology contact www.neol.world

CuGlide[™], a unique product which delivers protection, rejuvenation, and improved fuel efficiency to MAN and Kubota marine engines. Extending lubricant life, synchronising oil intervals, and improving business profitability.