

# HYDROFLUX HVLP



## Lubricants

### Description

This product has been designed for hydraulic circuits where both, great anti-wear properties and low viscosity variation against temperature are needed. Its studied formula provides a high viscosity index together with excellent resistance to oxidation. It is perfectly suited to hydraulic circuits exposed to low working temperatures, to those located in seashore environments (watertight doors, capstans and windlasses, stabilisers, etc.) and to hydraulic systems in all kinds of public works machinery.

### Properties

- High resistance to oxidation, ageing and sludge formation.
- Very good water separation and anti-foaming qualities
- High viscosity index.
- Effective protection of metals against corrosion.
- Compatible with the joints habitually used in hydraulic circuits.

### Quality levels

This product meets the following quality standards:

- DIN-51524 Part 3 HVLP
- ISO 6743/4 HV
- ISO 11158

|                                    | UNIT              | METHOD      | VALUE     |
|------------------------------------|-------------------|-------------|-----------|
| ISO Viscosity Grade                |                   |             | <b>46</b> |
| Viscosity at 40 °C                 | cSt               | ASTM D 445  | 46        |
| Viscosity index                    |                   | ASTM D 2270 | >140      |
| Density at 15 °C                   | g/cm <sup>3</sup> | ASTM D 4052 | 0.870     |
| Flash point                        | °C                | ASTM D 92   | >180      |
| Pour point                         | °C                | ASTM D 97   | <-30      |
| TAN                                | mg KOH/g          | ASTM D 664  | 0.35      |
| Oxidation, acid number at 2000 hrs | mg KOH/g          | ASTM D 943  | <2        |

A safety data sheet is available on request.

repsol.com  
+34 901 111 999

Technical data sheet for Lubricants. Revision 1. January 2020