



## ORLEN OIL AGRO HV 46

### General features

Hydraulic oil made of high quality mineral base oils and a pack of enriching additives. Designed for use in various heavy and medium duty hydraulic systems of machinery and equipment used in agriculture.

Guarantee:

- longer operation time;
- reduced surface wear of friction components in hydraulic pump systems;
- operating in a broad temperature range maintaining optimum viscosity properties (high viscosity index WL > 140).

### Application

ORLEN OIL AGRO HV 46 hydraulic oil is intended for use in heavy-duty drive systems, high pressure piston pumps with constant and variable output and in vane pumps requiring high anti-wear performance of oil. Recommended also for use in precision hydraulic control and hydraulic systems which require low viscosity variations at temperature changes. Recommended specifically for hydraulic systems of machinery and equipment used in agriculture.

### Quality class

ISO 11158 – HV  
ISO VG: 46

### Standards, approvals, specifications

DIN 51524 p.3

### Physical and chemical properties

Parameters	Unit	Typical values
Oil ability to liberate air at a temperature 50 °C	min	6
Kinematic viscosity at 40 °C	mm <sup>2</sup> /s	47
viscosity index	-	146
Flow temperature	°C	-33
Flash point	°C	210
Load bearing ability on an FZG stand, with non-destructive load degree not higher than	-	10
<b>Note:</b> Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each production batch.		

v1 / 2024-02-27