

## Description

## **Application**

Indicates the oil level and the oil temperature in hydraulic oil or lubricant reservoirs.

## **Design and function**

ARGO-HYTOS oil level gauges consist of a robust metal housing equipped with a sight level tube and built-in thermometer. The fluid enters the thermometer chamber through the mounting bolts, which are hollow. O-rings provide a seal against the housing and the reservoir wall.

#### **Special features**

- The robust metal housing is designed to withstand even the most severe operating conditions.
- The integrated scale shows the oil temperature in °C and °F.

### Mounting

The hollow screws and the locking nuts supplied with the gauge, enable installation on the reservoir wall.

The locking nuts serve the purpose of retightening the bolts from the outside (assembly torque: 8 Nm).

Threaded holes are required instead of smooth bore holes if the wall of the reservoir is more than 0.33 inch thick.

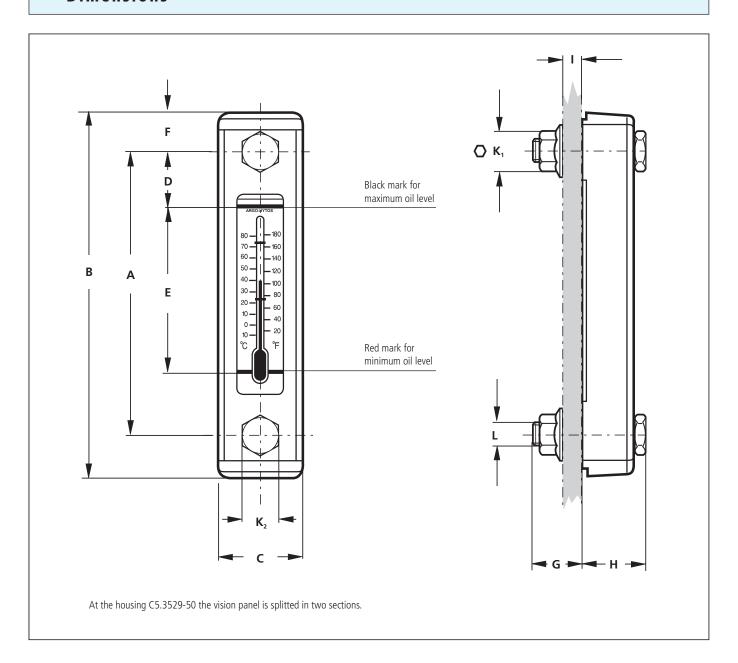
## **Selection Chart**

			nget	. og fange	· ad range	. /					
	. /	al indicating re	ature i	ndicatins	ndicating	ing bolts	, N5				
Part No	Part NO. Oil level indicating lange f. Total height B Temperature indicating range Temperature indicating lange Mounting boths Remarks										
	inch	inch	°C	°F		lbs					
1	2	3	4	5	6	7	8				
C5.3511-50	1.30	4.25	+20 +80	80 180	M10	0.40	-				
C5.3516-50	2.91	6.26	-10 +80	20 180	M12	0.53	-				
C5.3529-50	7.64	11.22	-10 +80	20 180	M12	0.71	-				

#### Remarks:

The gauges listed in the chart are standard gauges. If modifications are required, we kindly ask for your request.

# Dimensions



# Measurements

Туре	Α	В	C	D	E	F	G	Н	- 1	K <sub>1</sub>	K <sub>2</sub>	L
									max.	mm	mm	
C5.3511-50	2.99	4.25	1.36	0.89	1.30	0.63	0.67	1.10	0.31	AF 17	AF 15	M10
C5.3516-50	5.0	6.26	1.36	1.08	2.91	0.63	0.67	1.10	0.31	AF 17	AF 18	M12
C5.3529-50	10.0	11.26	1.36	1.22	7.64	0.63	0.67	1.10	0.31	AF 17	AF 18	M12

## Characteristics

## **Operating pressure**

Max. 29 psi (abs.)

#### Connection

Threaded ports according to DIN 13. Sizes see Selection Chart, column 6 and section Dimensions.

#### **Hydraulic fluids**

Mineral oil and biodegradable fluids (HEES and HETG, see info-sheet 00.20).

## **Temperature range**

- 4 °F ... + 176 °F

## Ambient temperature range

- 13°F ... + 176 °C

## Materials

Housing: Steel, powder coated, black

Sight level tube: Polyamide Scale: Aluminum Thermometer: Glass

Bolts: Steel, zinc plated
Seals: NBR (FKM on request)

### Mounting position

In the min./max. oil level range on the side wall of the hydraulic oil reservoir.

# **Quality Assurance**

## Quality management according to DIN EN ISO 9001

Various quality controls during the production process guarantee the leakfree function and solidity of our filters.

Our engineers will be glad to advise you in questions concerning filter application, selection as well as the cleanliness class of the filtered medium attainable under practical operating conditions.

Illustrations may sometimes differ from the original. ARGO-HYTOS is not responsible for any unintentional mistake in this specification sheet.

## We produce fluid power solutions