

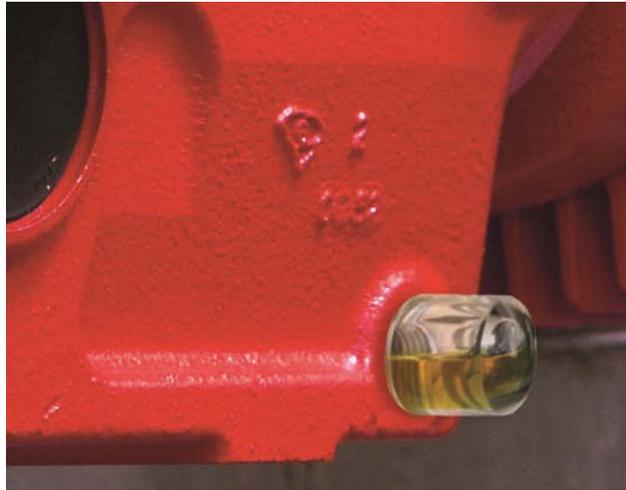
Technical Note

3-D Oil Level Sight Glass

As an option for quickly determining the oil level in a gear unit, SEW-EURODRIVE offers 3-D BullsEye sight glasses manufactured by Esco Products, Inc.

These clear acrylic sight glasses provide easy identification of the oil level from any angle.

When viewing the oil level, it may be necessary to wait 10-15 minutes after startup for the oil to reach its normal operating temperature in order for the sight glass to function properly.



They are available in three sizes, depending on the bore of the oil level plug. The following table lists the plug size for each gear unit.

Gear Unit	Oil Plug Size				
	M10	M12	M22	M33*	M42*
R	07 - 67	77 - 87	97 - 137	147	167
F	27 - 67	77 - 87	97 - 107	127	157
K	37 - 67	77 - 87	97 - 107	127	157 - 187
S	37 - 67	77 - 87	97	--	--

The following table lists the part number(s) for the applicable 3-D sight glass.

	Oil Plug Size				
	M10	M12	M22	M33*	M42*
Sight Glass	29690668	29690676	19122071	19122071	19122071
Adapter	--	--	--	13263161	13263188

* Requires 22mm sight glass and adapter.