

OIL FILTER

Product

KUBOTA Hydraulic Oil Filters are designed to remove pollutants in the oil. Tested in the laboratory under extreme conditions of temperature and pressure: from -40°C to 140°C and from 10 to 15 bar for optimum strength and durability.

Design



Steel tension spring

Designed with heat treatment process to maintain stability of tension between spring element and canister filter to prevent bypass.



Spring retaining cup

Designed to protect body from stress concentration caused by spring.



Heavy duty end cap seals

Are made to withstand intra-plastisol leakage and Glue DNIP or DNIP Light Brown to comply with REACH regulation.



By-pass valve

To ensure oil flow in filtration system to continually lubricate the engine at the termination pressure point.



Filtration media

Optimum filtration media specifications to ensure maximum filtration efficiency and life time of filter.



Spiral perforating tube

High structural strength to prevent the element filter from collapsing and to provide a better flow.



Anti drain back valve

To prevent the oil in the filter from draining back to the crankcase.



In-bond seam

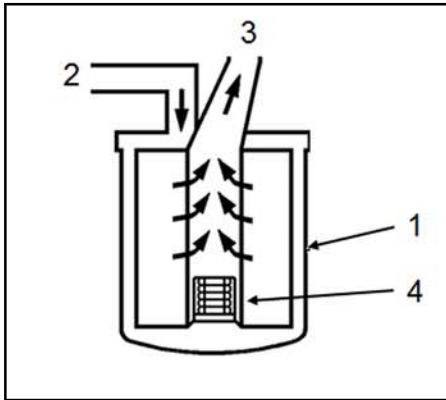
Double lock seam between the plate and the canister to increase burst strength ability.



Seal gasket

Specially designed and structured to ensure perfect sealing.

Operating Process



- 1 The oil arrives in the filter (1) by the outlet part (2)
- 2 The oil is then filtered and exits through the inside of the filter (3).
- 3 The by-pass valve (4) ensures the safety of the system in the event of filter clogging.

Recommendations for use



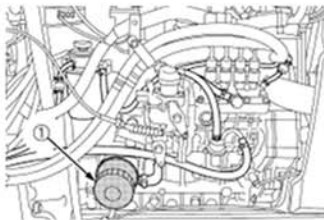
WARNING

To avoid any risk of serious or even deadly accidents :

- Stop the engine before replacing the oil filter.
- Allow the engine to cool sufficiently: the oil may be hot and may cause burns.

Changing oil filters

1. Remove the engine oil filter (1).



2. Coat the rubber gasket of the new filter with a film of clean engine oil.



3. Tighten the filter quickly until it touches the joint plane. Hand tighten filter by 1/2 turn only.

4. After installing the new filter, make the oil level with the dipstick (3).

* (A) satisfactory range for the engine oil level.

