

HYDRAULIC 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.



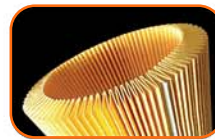
Spring retaining cup

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.



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

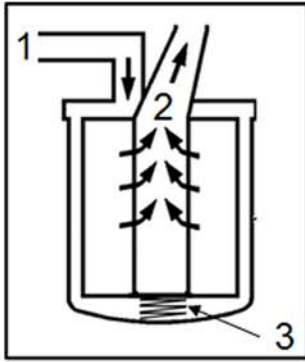
Double lock seam between the plate and the canister to increase burst strength ability.



Seal gasket

Specially designed and structured to ensure perfect sealing.

Operating Process



- 1** The oil arrives in the filter by the outlet part **(1)**
- 2** The oil is then filtered and sprung through the inside of the filter **(2)**.
- 3** The spring **(3)** ensures the safety of the element in case of filter clogging.

Recommendations for use



WARNING

To avoid any risk of serious or even deadly accidents :

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

Changing the hydraulic oil filter

To ensure the durability of your hydraulic systems, consider changing your filters to the recommended number of hours.

1. Remove the old oil filter.
2. Apply a clean film of transmission oil to the rubber seal surface of the new filter.
3. Tighten the filter until it touches the joint plane. Hand tighten filter by 1/2 turn only.
4. Fill with transmission oil to the upper line of the indicator light.
5. After running the engine for a few minutes, stop it, wait 10 minutes and check the oil level again. If the level is insufficient, add oil to the recommended level.
6. Make sure the transmission fluid does not leak through the filter seal.



For work involving the hydraulic system, absolute cleanliness is required.