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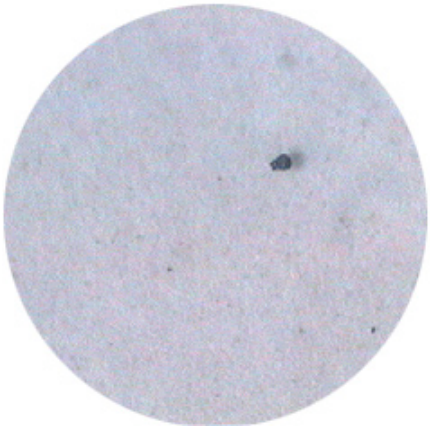
NOTES:

1. The microphotos were prepared from typical lubrication and hydraulic oil samples obtained in accordance with ISO 4021. Contamination levels were determined by by an optical microscopic count generally in accordance with ISO 4407. "Solid Contaminant Code conforms to ISO 4406:1999, Hydraulic Fluid Power - Fluids - Method for coding level of contamination by solid particles" (In Particular, section 3.5 Determination of code using microscope sizing.)

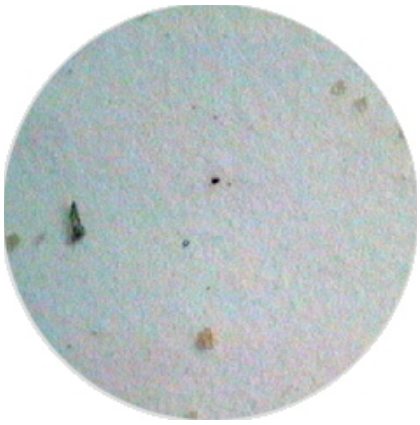
2. **SAMPLE VOLUME: 100ml/47mm dia, 1.2µm membrane.** *(The image is also equivalent to that obtained when using a 25ml/25mm dia, 1.2µm membrane.)*

3. The images provided are intentionally 2 to 3 codes apart to minimise indecision when making a comparative analysis by making the choice "BLACK and WHITE". (eg: The sample is either equal to an image, or when more than one, but less than another, its code lies in between.)

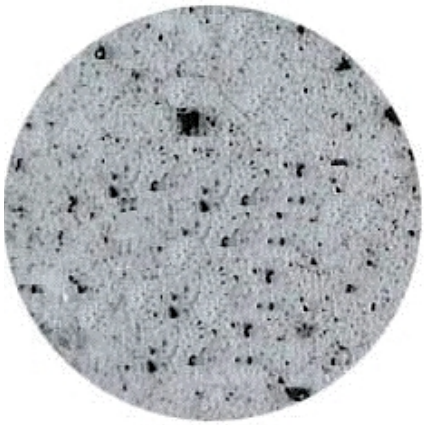
4.



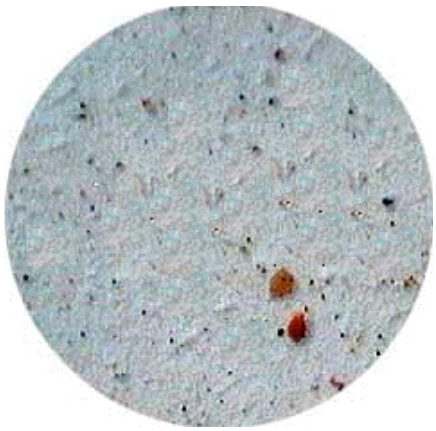
ISO -/12/10
≥5µm = 2000 to 4000 particles per 100ml
≥15µm = 500 to 1000 particles per 100ml



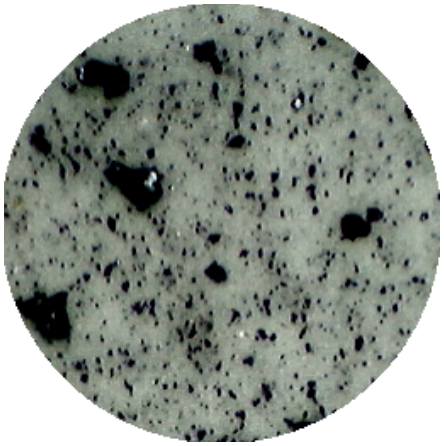
ISO -/14/12
≥5µm = 8000 to 16,000 particles per 100ml
≥15µm = 2000 to 4000 particles per 100ml



ISO -/19/16
≥5µm = 250,000 to 500,000 particles per 100ml
≥15µm = 32,000 to 64,000 particles per 100ml



ISO -/17/13
≥5µm = 64,000 to 130,000 particles per 100ml
≥15µm = 4000 to 8000 particles per 100ml



ISO -/21/18
≥5µm = 1,000,000 to 2,000,000 particles per 100ml
≥15µm = 130,000 to 250,000 particles per 100ml