

	Oil Analyses - Turbine	Test package			
		monitoring	basic	extended	complete
CONDITION	Appearance	■	■	■	■
	Colour	■	■	■	■
	Viscosity at +40 °C	■	■	■	■
	Viscosity at +100 °C and viscosity index	■	■	■	■
	Total acid number (TAN)	■	■	■	■
	Elemental analysis by ICP, Additives: Ca, Mg, Zn, P, Ba, B, S	■	■	■	■
	FT – IR -analysis oxidation	■	■	■	■
WEAR	Elemental analysis by ICP, Wear metals: Fe, Cr, Sn, Al, Ni, Cu, Pb, Mo	■	■	■	■
	Membrane filtration – microscope analyses:				
	<ul style="list-style-type: none"> wear metal particles by microscope and wear rate (normal, accelerated, severe wear and damage) 	■	■	■	■
	<ul style="list-style-type: none"> maximum size of wear metal particles 	■	■	■	■
	PQ – index	■	■	■	■
CLEANLINESS	Particle counting with an APC and cleanliness class	■	■	■	■
	Elemental analysis by ICP, Contaminants: Si, K, Na	■	■	■	■
	Membrane filtration – microscope analyses:				
	<ul style="list-style-type: none"> visual identification of contaminants 	■	■	■	■
	<ul style="list-style-type: none"> insolubles 	■	■	■	■
PERFORMANCE	Water by Karl Fischer titration	■	■	■	■
	Foaming tendency, sequences I – III	■	■	■	■
	Air separation	■	■	■	■
	Water separation	■	■	■	■
	PRVOT, oxidation stability by rotating pressure vessel	■	■	■	■

■ included
 ■ not included