

Vacuum Pump Oil

Errecom's mineral oils for vacuum pumps have been developed using a lubricant with a high viscosity index, formulated with carefully selected paraffinic oils. Due to their chemical-physical characteristics, they can be defined as state-of-the-art lubricants: in fact, they have been developed for modern hydraulic systems operating under severe operating conditions. For example, the anti-wear additives, included in each formulation of mineral oil for vacuum pumps, is specially designed to increase the efficiency and life of pumps and all moving components of the system. Like mineral oils, also mineral oils for vacuum pumps, regardless of their viscosity, shows excellent lubricating capacity; the low pour point, then, allows to extend the temperature range of use and ensures easy cold starts of hydraulic systems.

The main features of Errecom's mineral oils are:

- high thermal stability: it can be used in closed systems operating even at high temperatures and high pressures avoiding the growth of deposits and sludge;
- high oxidation stability: it extends the charge in operation, thus preventing the viscosity of the product from increasing too early;
- high hydrolytic stability: it protects the oil from decomposition, even in the presence of small percentages of water;
- good demulsibility: it quickly separates oil from the water that may have entered the system, further inhibiting the oxidation process;
- higher filterability even in the presence of water (compared to previous lubricants): it avoids clogging of the filters and extends filter replacement intervals;
- anti-corrosion and anti-rust power: it protects all metal components of the system;
- anti-foam properties: avoids the formation/presence of foam and therefore of air that would reduce the system's efficiency due to the compressibility different from that of oil.

Physical Quantity Measured (Unit of Measurement)	Analytical Reference Method	ISO 32	ISO 46	ISO 68	HIGH VISCOSITY ISO 46 HD
ISO VG	-	32	46	68	46
Kinematic Viscosity @ 20°C (cSt)	ASTM-D445	-	-	-	143,9
Kinematic Viscosity @ 40°C (cSt)	ASTM-D445	32,2	46,4	67,9	46,8
Kinematic Viscosity @ 100°C (cSt)	ASTM-D445	5,5	7,2	8,8	7,6
Viscosity Index	ASTM-D2270	105	103	102	133
Freezing Point (°C)	ASTM-D97	-31	-26	-25	-16
Flash Point (°C)	ASTM-D92	210	215	220	225
Density @ 15°C (g/cm³)	ASTM-D4052	0,870	0,872	0,877	0,845
Autoignition Temperature (°C)	-	-	-	-	360
Vapour Pressure at 20 °C (mbar)	-	-	-	-	10X10 ⁻⁶
Vapour Pressure at 100 °C (mbar)	-	-	-	-	1X10 ⁻³

ISO 32

Art.-Nr.	Qty.	€			Packaging
OL6053.Q.P2	250 mL	-	24	2880	Plastic Tank
OL6053.M.P2	500 mL	-	12	1080	
OL6053.K.P2	1 L	-	12	756	
OL6053.UP.P2	1 Gal	-	02	196	
OL6053.I.P2	4 L	-	02	196	
OL6053.P.P2	5 L	-	02	140	
OL6053.UV	5 Gal	-	01	24	Metal Tank
OL6053.V	20 L	-	01	24	
OL6053.T	25 L	-	01	24	
OL6053.B	200 L	-	01	02	
OL6053.IBC	1000 L	-	01	01	

ISO 46

Art.-Nr.	Qty.	€			Packaging
OL6054.Q.P2	250 mL	-	24	2880	Plastic Tank
OL6054.M.P2	500 mL	-	12	1080	
OL6054.K.P2	1 L	-	12	756	
OL6054.UP.P2	1 Gal	-	02	196	
OL6054.I.P2	4 L	-	02	196	
OL6054.P.P2	5 L	-	02	140	
OL6054.UV	5 Gal	-	01	24	Metal Tank
OL6054.V	20 L	-	01	24	
OL6054.T	25 L	-	01	24	
OL6054.B	200 L	-	01	02	
OL6054.IBC	1000 L	-	01	01	

ISO 68

Art.-Nr.	Qty.	€			Packaging
OL1008.Q.P2	250 mL	-	24	2880	Plastic Tank
OL1008.M.P2	500 mL	-	12	1080	
OL1008.K.P2	1 L	-	12	756	
OL1008.UP.P2	1 Gal	-	02	196	
OL1008.I.P2	4 L	-	02	196	
OL1008.P.P2	5 L	-	02	140	
OL1008.UV	5 Gal	-	01	24	Metal Tank
OL1008.V	20 L	-	01	24	
OL1008.T	25 L	-	01	24	
OL1008.B	200 L	-	01	02	
OL1008.IBC	1000 L	-	01	01	

ISO 46 HIGH VISCOSITY INDEX

Art.-Nr.	Qty.	€			Packaging
OL1010.Q.P2	250 mL	-	24	2880	Plastic Tank
OL1010.M.P2	500 mL	-	12	1080	
OL1010.K.P2	1 L	-	12	756	
OL1010.UP.P2	1 Gal	-	02	196	
OL1010.I.P2	4 L	-	02	196	
OL1010.P.P2	5 L	-	02	140	
OL1010.UV	5 Gal	-	01	24	Metal Tank
OL1010.V	20 L	-	01	24	
OL1010.T	25 L	-	01	24	
OL1010.B	200 L	-	01	02	
OL1010.IBC	1000 L	-	01	01	