

F-MACHINE OILS 300 Series

Machine Oil

F-MACHINE Oil is composed of food grade lubricating oils and additives, being ash-less and free of zinc. F-MACHINE oils are developed for a wide application range within the industry, especially food processing industry. The product is odourless and will not generate fumes. F-MACHINE oils will not cause foaming or in other ways entrap air in hydraulic systems. F-MACHINE oils contain synthetic base oils providing good to excellent lubrication over a large temperature and speed range. The noise level of machineries may be reduced by use of this product. The product is available in several viscosities.

Properties

Zinc-free and ashless
Wide application range
Odourless
Will not cause foaming

Applications

Central lubricating systems
Gear lubrication
Hydraulic systems
Compressors
Bearings
Stamping
etc

TECHNICAL DATA

ISO grade		46	68	150	220	320	460	680
		F-Machine 304	F-Machine 305	F-Machine 307	F-Machine 308	F-Machine 309	F-Machine 310	F-Machine 311
Viscosity @ 40°C mm ² /s	ISO 3104	46	68	150	220	320	460	680
Viscosity @100°C mm ² /s	ISO 3104	6.94	8.93	15.63	22.1	30.7	42.5	56.7
Viscosity index	ISO 2909	107	105	107	122	124	144	146
Pour Point °C	ISO 3016	<-25	-22	-13	-10	-7	-3	0
Flash Point °C	ISO 2592	>200	>220	>220	>220	>220	>220	>220

Test results (typical)

Copper corrosion	1b	
Vickers pump test	Approved	
F Z G test	>12	MPI approved C15
4-ball test, weld	2800 N	(All animal product except dairy)
Filterability	1.2 m	
Density	810-890 kg/m ³	
Colour	Transparent/yellowish	

Imported and Distributed by Oil Imports Ltd, 56 Whakatu Road, Whakatu, Hastings, 4172.

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Oil Imports Ltd. is the authorised dealer of Cargo products in New Zealand.