

Chemical Resistance Guide

for Tigerflex™ and Alfagomma® Fuel Transfer Hoses

	TDH & TDHBK		TV & TVHD		OV		ORV / WOR		T604AA	T605AA/AH	T609AA	T650AH
	68F	104F	68F	104F	68F	104F	68F	104F	68F	68F	68F	68F
ASTM Fuel #1 Oil	E	E	-	-	E	E	G	L	E	E	E	E
ASTM Fuel #3 Oil	E	E	-	-	E	E	E	G	E	E	E	E
ASTM Fuel A	E	E	X	X	G	G	-	-	E	E	E	E
ASTM Fuel B	G	L	X	X	G	L	-	-	E	E	E	E
ASTM Fuel C	G	L	X	X	G	L	-	-	E	E	E	E
Benzene	L	U	-	-	L	U	U	U	U	U	U	U
Biodiesel Liquid Fuel (B20) **	E	E	X	X	G	G	-	-	L	L	L	L
Biodiesel Liquid Fuel (B100) **	E	E	X	X	G	G	-	-	L	L	L	L
Biodiesel Vapor (B20)	E	E	E	E	G	L	G	L	L	L	L	L
Biodiesel Vapor (B100)	E	E	E	E	G	L	G	L	L	L	L	L
Butane	E	E	-	-	E	E	E	E	E	E	E	E
Castor Oil	G	G	-	-	G	L	G	U	-	-	-	-
Coconut Oil	E	E	-	-	E	E	L	U	E	E	E	E
Conventional, Oxygenated & Reformulated Gasoline Liquid Fuel *	E	E	X	X	G	G	-	-	E	E	E	E
Conventional, Oxygenated & Reformulated Gasoline Vapor	E	E	E	E	G	G	E	G	E	E	E	E
Core Oil	E	E	-	-	E	E	E	E	-	-	-	-
Corn Oil	-	-	-	-	-	-	E	G	E	E	E	E
Cottonseed Oil	E	E	-	-	E	E	G	L	L	L	L	L
Crude Oil - Sour	E	E	-	-	E	E	E	E	-	-	-	-
Crude Oil - Sweet	E	E	-	-	E	E	E	E	G	G	G	G
Cyclohexane	E	E	-	-	-	-	L	U	G	G	G	G
Diesel Liquid Fuel *	E	E	X	X	G	G	-	-	E	E	E	E
Diesel Oil	-	-	-	-	-	-	L	U	E	E	E	E
Diesel Vapor	E	E	E	E	G	G	E	G	E	E	E	E
Dynamo Oil	-	-	-	-	-	-	E	G	-	-	-	-
Ethanol Liquid Fuel (E85)	E	E	X	X	L	L	-	-	L	L	L	L
Ethanol Liquid Fuel (E98)	G	G	X	X	L	L	-	-	L	L	L	L
Ethanol Vapor (E85)	E	E	E	E	L	L	G	U	L	L	L	L
Ethanol Vapor (E98)	G	G	G	G	L	L	G	L	L	L	L	L
Ethyl Alcohol (E100)	G	G	-	-	G	L	G	L	L	L	L	L
Ethyl Tertiary Butyl Ether (ETBE)	G	G	-	-	L	L	L	U	-	-	-	-
Fuel Oil	E	E	-	-	-	-	-	-	-	-	-	-
Gas Oil	-	-	-	-	-	-	E	G	-	-	-	-
Grease	-	-	-	-	-	-	E	L	E	E	E	E
Isomerate	E	E	-	-	E	G	-	-	-	-	-	-
Iso-octane	E	E	-	-	E	G	G	L	E	E	E	E
Isopropyl Alcohol	-	-	-	-	-	-	E	G	L	L	L	L
Jet Fuels	G	L	X	X	-	-	-	-	E	E	E	E
Kerosene	E	G	X	X	E	G	U	U	E	E	E	E
Kerosene Vapor	E	G	E	G	E	G	G	L	E	E	E	E
Ketones	-	-	-	-	-	-	U	U	L	L	L	L
Lacker Thinners	G	-	-	-	G	-	L	U	U	U	U	U
Lard Oil	E	G	-	-	E	G	E	G	E	E	E	E
Lubricating Oil	E	E	-	-	E	E	E	E	-	-	-	-
Linseed Oil	E	E	-	-	E	E	E	E	G	G	G	G
Machine Oil	E	E	-	-	E	G	E	G	-	-	-	-
Methanol (M85)	G	G	-	-	G	L	U	U	-	-	-	-
Methyl Alcohol	L	U	-	-	L	U	U	U	E	E	E	E
Methyl Ethyl Ketone (MEK)	L	U	-	-	L	U	U	U	U	U	U	U
Methyl Tertiary Butyl Ether (MTBE)	G	G	-	-	L	L	L	U	U	U	U	U
Mineral Oils	E	E	-	-	E	E	E	G	E	E	E	E
Mineral Spirits	-	-	-	-	-	-	-	-	G	G	G	G
Napthalene	-	-	-	-	-	-	L	U	U	U	U	U
Napthas	E	E	-	-	E	E	U	U	U	U	U	U
Natural Gas	E	E	-	-	E	E	E	E	G	G	G	G
Oils and Fats	E	E	-	-	E	E	E	G	-	-	-	-
Petrol *	E	E	X	X	G	G	U	U	E	E	E	E
Petroleum Ether	-	-	-	-	-	-	L	L	G	G	G	G
Petroleum Oils	E	E	-	-	E	E	E	G	E	E	E	E
Sour Gasoline *	E	G	X	X	G	G	-	-	-	-	-	-
Soy Bean Oil	G	G	-	-	G	L	G	U	E	E	E	E
Soya Oil	-	-	-	-	-	-	E	G	-	-	-	-
Spindle Oil	-	-	-	-	-	-	E	L	-	-	-	-
Tall Oil	-	-	-	-	-	-	U	U	E	E	E	E
Tertiary Amyl Methyl Ether (TAME)	-	-	-	-	L	L	L	U	-	-	-	-
Toluene	L	U	-	-	L	U	U	U	U	U	U	U
Train Oil	-	-	-	-	-	-	E	U	-	-	-	-
Transformer Oil	-	-	-	-	-	-	-	-	G	G	G	G
Transmission Fluid	G	G	-	-	G	G	E	L	E	E	E	E
Turbine Oil	-	-	-	-	-	-	E	L	-	-	-	-
Turpentine	E	G	-	-	E	G	L	U	U	U	U	U
Ultra Low Sulfur Diesel *	E	E	X	X	G	G	-	-	-	-	-	-
Vegetable Oil	-	-	-	-	-	-	E	L	-	-	-	-
White Gasoline *	E	G	X	X	G	G	-	-	-	-	-	-

E = Excellent G = Good L = Limited U = Unsatisfactory X - Not Recommended * Aromatic content not exceeding 50% ** ASTM D 6751

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT PRIOR NOTICE.