

Dixon Bayco Fuel Compatibility Chart


Biofuel Compatible
Fuel Product*

Dixon Bayco Product	Page #	Description	Fuel Product*													
			Gasoline	Diesel	ULSD	Crude Oil	E10	E20	E85	E100	B2	B20	B100			
4500 Series	7	Two Piece API Drop Adapter With Sight Glass, Baylast Seals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4500V Series	7	Two Piece API Drop Adapter With Sight Glass, FKM Seals	✓	✓	✓	✓	NR	NR	NR	NR	✓	✓	✓	✓	✓	✓
4530 & 4540	7	API Drop Adapter Without Sight Glass, Baylast Seals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4530V & 4540V	7	API Drop Adapter Without Sight Glass, FKM Seals	✓	✓	✓	✓	NR	NR	NR	NR	✓	✓	✓	✓	✓	✓
4530SG & 4540SG	7	One Piece API Drop Adapter With Sight Glass, Baylast™ Seals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4530SGV & 4540SGV	7	One Piece API Drop Adapter With Sight Glass, FKM Seals	✓	✓	✓	✓	NR	NR	NR	NR	✓	✓	✓	✓	✓	✓
5200SFI & 5200SFI-3	7	TTMA Flanged Sight Glass With Baylast™ Seals	✓	✓	✓	NR2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5200SFIV & 5200SFIV-3	7	TTMA Flanged Sight Glass With FKM Seals	✓	✓	✓	NR2	NR	NR	NR	NR	✓	✓	✓	✓	✓	✓
5204	6	API Valve With Sight Glass, Baylast™ Seals	✓	✓	✓	NR2	✓	✓	NR	NR	✓	✓	✓	✓	✓	✓
5204C	6	API Valve With Sight Glass & Removable Handle, Baylast™ Seals	✓	✓	✓	NR2	✓	✓	NR	NR	✓	✓	✓	✓	✓	✓
5204L	6	API Load Only Valve With Sight Glass, Baylast™ Seals	✓	✓	✓	NR2	✓	✓	NR	NR	✓	✓	✓	✓	✓	✓
5204LNG	6	API Load Only Valve Without Sight Glass, Baylast™ Seals	✓	✓	✓	NR2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5204NG	6	API Valve Without Sight Glass, Baylast™ Seals	✓	✓	✓	NR2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5204NGC	6	API Valve Without Sight Glass, With Removable Handle, Baylast™ Seals	✓	✓	✓	NR2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5204NGV	6	API Valve Without Sight Glass, FKM Seals	✓	✓	✓	NR2	NR	NR	NR	NR	✓	✓	✓	✓	✓	✓
5204SFI	6	API Valve With Inline Tube Sight Glass, Baylast™ Seals	✓	✓	✓	NR2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5204SNG	6	API Valve Without Sight Glass, Baylast™ Seals, Stainless Spring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5204TNG	6	API Valve Without Sight Glass, PTFE Seals	NR1	NR1	NR1	NR1	NR1	NR1	NR1	NR1	NR1	NR1	NR1	NR1	NR1	✓
5300 & 5400	27	API Rack Coupling Buna Seals	✓	✓	✓	NR	✓	✓	✓	✓	✓	✓	✓	✓	✓	NR
5300B & 5400B	27	API Rack Coupling FKM-B Seals	✓	✓	✓	NR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5300G & 5400G	27	API Rack Coupling FKM GFLT Seals	✓	✓	✓	NR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6000, 6200 & 6500 Series Drop Elbows	11,12	Petroleum Drop Elbows & Inlets, Buna Seals	✓	✓	✓	NA	✓	✓	✓	✓	✓	✓	✓	✓	✓	NR
Vapor or Product Hose Couplings	17	Petroleum Vapor Hose Couplings, Buna Seals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	NR
Vapor or Product Hose Couplings	17	Petroleum Vapor Hose Couplings, FKM Seals	✓	✓	✓	✓	NR	NR	NR	NR	✓	✓	✓	✓	✓	✓
VR4000 & VR4100 Series Vapor Valves	17	Petroleum Vapor Valves	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VR6100, VR6200 & VR6500 Vapor Elbows	16	Petroleum Vapor Elbows & Inlets	✓	✓	✓	NA	✓	✓	✓	NA	✓	✓	✓	✓	✓	NA
VR6030SQ & VR6035SQ	18	Sequential Vapor Vent Valves, Baylast Seals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
300GTTFCB & 400GTTFCB	10	Cork Buna TTMA gasket	✓	✓	✓	✓	✓	NR	NR	NR	✓	✓	✓	NR	NR	NR
400GTTFK	10	Klinger® Style TTMA gasket	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
40321TF, 40322TF & 40323TF	10	PTFE Soft Core TTMA Gaskets	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FT151, FT202, FT101	44,46,49	FloTech Sensors	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FT150S, FT100S	50	FloTech Stainless Steel Sensors	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Notes:

NA Not Applicable (This product is not used in this application)

NR Not Recommended

NR1 Not Recommended cost and tendency for PTFE to become damaged from particulate material is not justified for this application.

NR2 Not Recommended crude oil contains acids that are corrosive to steel parts

ULSD Ultra low sulfur diesel (ULSD) is a term used to describe a standard for defining diesel fuel with substantially lowered sulfur contents. As of 2006, almost all of the petroleum based diesel fuel available in Europe and North America is of a ULSD type.

Crude Oil Oil in its natural state, as it comes from the ground. Crude oil can contain various other chemicals and gases, many of which can be corrosive.

E10 10% Ethanol, 90% Gasoline

E20 20% Ethanol, 80% Gasoline

E85 85% Ethanol, 15% Gasoline

E100 100% Ethanol

B2 2% Bio diesel, 98% diesel (normally ULSD as above)

B20 20% Bio diesel, 80% diesel (normally ULSD as above)

B100 100% Bio diesel

* Petroleum companies often put additives in fuels, additives can affect compatibility with fittings and seals, Please contact Dixon for more information. FKM GFLT is compatible with all liquids listed above and available from Dixon by special quotation. Baylast™ is a proprietary seal compound from Dixon.

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