

TEXOL

Chemical

Technical Data Sheet

Texol Monosyn™ VZF D Series
Efficient performance process oil

Product Description

Texol Monosyn™ VZF D series are efficient performance de-waxed paraffinic mineral oils.

Customer benefits

- Stable, low volatility formulation
- Low aromatic and non-staining properties
- Good low temperature characteristics
- Reliable colour stability

Applications

- for the manufacturing of printing ink
- as carrier for soluble oils
- as extenders/softeners for rubbers, plastics
- as carrier for lubricant additives
- as anti-dust oil for fertilizers and explosives
- as leather impregnating oil
- as adjuvant in herbicides

Technical Expertise

Texol experts on Monosyn™ VZF D series are regionally located to respond to your needs. Whether you have a question about products, applications or regulations, Texol offers comprehensive customer and technical service.

Product Stewardship

Texol encourages its customers and potential users to review their applications from the standpoint of human health and environmental aspects. To help ensure that Texol products are not used in ways for which they are not intended or tested, Texol personnel will assist customers in dealing with environmental and product safety considerations. Texol literature, including Material Safety Data Sheets (MSDS), should be consulted prior to the use. MSDS are updated regularly, therefore, please request and review the most current MSDS before handling or using any product. MSDS are available from the nearest Texol sales office.

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Typical Properties

Property (Unit)	VZF D-02	VZF D-05	VZF D-10	VZF D-15	Method
Density at +15 °C	860	865	875	878	DIN 51757
Viscosity @40°C, cSt	2.10	4.87	10.20	15.1	DIN 51550
Viscosity @100°C, cSt	0.96	1.56	2.61	3.84	DIN 51550
ISO Viscosity Grade	02	05	10	15	DIN 51519
Viscosity Index	90	92	97	99	DIN ISO 2909
Flash Point, °C	215	216	186	206	DIN ISO 2592
Pour Point, °C	-32	-18	-22	-27	DIN ISO 3016
Four ball weld load, N	1200	1200	1200	1500	DIN 51350-02
Steel corrosion	0	0	0	0	DIN 51585
FZG test (A/8.3/90)			>10		DIN 51354

Property (Unit)	VZF D-22	VZF D-32	VZF D-46	VZF D-68	Method
Density at +15 °C	879	880	885	886	DIN 51757
Viscosity @40°C, cSt	22.65	30.67	43.6	67.1	DIN 51550
Viscosity @100°C, cSt	4.29	5.05	7.43	8.62	DIN 51550
ISO Viscosity Grade	22	32	46	68	DIN 51519
Viscosity Index	102	102	99	99	DIN ISO 2909
Flash Point, °C	210	216	230	246	DIN ISO 2592
Pour Point, °C	-27	-28	-30	-30	DIN ISO 3016
Four ball weld load, N	1200	1200	1200	1500	DIN 51350-02
Steel corrosion	0	0	0	0	DIN 51585
FZG test (A/8.3/90)			>10		DIN 51354

Property (Unit)	VZF D-100	VZF D-150	VZF D-220	VZF D-320	Method
Density at +15 °C	879	880	885	886	DIN 51757
Viscosity @40°C, cSt	100	150	220	320	DIN 51550
Viscosity @100°C, cSt	11.42	14.63	18.80	24.50	DIN 51550
ISO Viscosity Grade	100	150	220	320	DIN 51519
Viscosity Index	98	97	96	96	DIN ISO 2909
Flash Point, °C	252	274	250	255	DIN ISO 2592
Pour Point, °C	-27	-30	-20	-20	DIN ISO 3016
Four ball weld load, N	1200	1200	1500	1500	DIN 51350-02
Steel corrosion	0	0	0	0	DIN 51585
FZG test (A/8.3/90)			>10		DIN 51354

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Typical Properties

Property (Unit)	VZF D-460	VZF D-680	VZF D-1000	VZF D-1500	Method
Density at +15 °C	890	889	895	903	DIN 51757
Viscosity @40°C, cSt	460	680	998	1495	DIN 51550
Viscosity @100°C, cSt	31.7	38	49	72	DIN 51550
ISO Viscosity Grade	460	680	1000	1500	DIN 51519
Viscosity Index	100	103	102	105	DIN ISO 2909
Flash Point, °C	276	285	296	310	DIN ISO 2592
Pour Point, °C	-20	-18	-18	-17	DIN ISO 3016
Four ball weld load, N	1500	1500	1800	1800	DIN 51350-02
Steel corrosion	0	0	0	0	DIN 51585
FZG test (A/8.3/90)			>10		DIN 51354

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