

Reference Entity	Region	Reference Obligation	Issuer	Coupon	Maturity	Date Added
1 PUBLIC JOINT STOCK COMPANY "TRANSNEFT"	EMEA	No Obligations Specified				

Reference Entity	Region	Expired Reference Obligations	Issuer	Coupon	Maturity	Date Removed
1 PUBLIC JOINT STOCK COMPANY "TRANSNEFT"	EMEA	US89354FAE16	TransCapitalInvest Limited	8.7	07 Aug 2018	07 Aug 2018
2 PUBLIC JOINT STOCK COMPANY "TRANSNEFT"	EMEA	XS0381439305	TransCapitalInvest Limited	8.7	07 Aug 2018	07 Aug 2018

* The Reference entity was previously known as Oil Transporting Joint Stock Company "Transneft" and later was renamed to PUBLIC JOINT STOCK COMPANY "TRANSNEFT" on 30 June 2016.

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