



Industrial Lubricants



SRS Hydraulic Oils

Product Name	ISO-VG	DIN 51 502	Recommendations / Approvals
SRS Wiolan HN	5 to 100	HL	Zinc-free hydraulic oils with good corrosion and oxidation protection. DIN 51 524 Part 1 HL, DIN EN ISO 6743/4 HL, ISO 11158 HL
SRS Wiolan HS	5 to 150	HLP	EP-hydraulic oils with wear protection and high ageing resistance. DIN 51 524 Part 2 HLP, DIN EN ISO 6743/4 HM, ISO 11158 HM, ASTM D 6158 HM, Approval Arburg for SRS Wiolan HS 46, ZF TE-ML 04K, SEB 181 222, Cincinnati P-68 /-69 / Parker HF-0/HF-1/HF-2, Eaton E-FDGN-TB002-E / M-2950-S, US Steel 126/127, ANSI/AGMA 9005-E02-RO, JCMAS P041 HK Hydraulic Specification
SRS Wiolan HX	22 to 100	HLP	Zinc-free heavy duty EP hydraulic oils with good demulsifying performance. DIN 51 524 Part 2 HLP, ISO 11158 HM, ASTM D 6158 HM, VDEh-Approval acc. SEB 181 222, Voith 3625-006058, -006072, -006073, -008426, ZF TE-ML 04K, Approval Arburg and ENGEL for SRS Wiolan HX 46, KraussMaffei
SRS Wiolan HB	32 to 68	HLP	Premium HLP hydraulic fluids for use in high developed hydraulic systems. DIN 51 524 Part 2 HLP, ISO 11158 HM, ASTM-D 6158 HM, Bosch Rexroth RDE 90235 / Fluid Rating List RDE 90245, Approval Arburg for SRS Wiolan HB 46, US Steel 126/127/136 Eaton Brochure 03-401-2010, Parker Denison HF-0, Fives-Cincinnati P-68/-69/-70,
SRS Wiolan HVB	32 to 68	HVLP	Premium HVLP hydraulic fluids for use in high developed hydraulic systems. DIN 51 524 Part 3 HVLP, ISO 11158 HV, SAE MS 1004 HV, ASTM D 6158 HVM, Bosch Rexroth RDE 90235 / Fluid Rating List RDE 90245, Approval Arburg for SRS Wiolan HVB 46, Eaton E-FDGN-TB0002-E, Parker Denison HF-0
SRS Wiolan HV	15 to 68	HVLP	High-VI-EP hydraulic oils with good viscosity temperature performance. (multi-grade characteristic) DIN 51 524 Part 3 HVLP, DIN EN ISO 6743/4 HV, ISO 11158 HV ZF TE-ML 04R, Approval Arburg for SRS Wiolan HV 46
SRS Wiolan HVX	32 to 68	HVLP	Zinc-free High-VI-EP hydraulic oils with good viscosity temperature performance (multi-grade characteristic). DIN 51 524 Part 3 HVLP, DIN EN ISO 6743/4 HV, ISO 11158 HV
SRS Wiolan H-540		HVLP	Hydraulic fluid approved namely by Bundeswehr with quality certificate B-0279 according to specification TL 9150-0035. NATO-Kode H 540, Bw-Kode HY5025, DIN EN ISO 6743/4 HV, ISO 11158 HV
SRS Wiolan HSG	32 to 46	HLPD	HLPD hydraulic fluids with deterging and dispersing characteristics. DIN 51 524 Part 2 HLPD, DIN EN ISO 6743/4 HM, ISO 11158 HM, DIN 51 502 DLP
SRS Wiolan HG	10 to 100	HLPD	Zinc-free EP-hydraulic oils with deterging and dispersing characteristics. DIN 51 524 Part 2 HLPD, DIN EN ISO 6743/4 HM, ISO 11158 HM, DIN 51 502 DLP Approval Arburg for SRS Wiolan HG 46

SRS Wiolan HVG 46	46	HVLPD	High-VI-EP hydraulic oil with good viscosity-temperature performance and deterging and dispersing characteristics. DIN 51 524 Part 3 HVLPD, DIN EN ISO 6743/4 HV, ISO 11158 HV
SRS Recor-L HS 46	46	HLP	Ressource-saving HLP hydraulic oil based on selected re-refineries for higher CO ₂ savings. DIN 51 524 Part 2 HLP, DIN EN ISO 6743/4 HM, ISO 11158 HM
SRS Recor-L HV 46	46	HVLP	Ressource-saving HVLP hydraulic oil based on selected re-refineries for higher CO ₂ savings. DIN 51 524 Part 3 HVLP, DIN EN ISO 6743/4 HV, ISO 11158 HV
SRS Wiolgan HE 46	46	HEES	Environmentally friendly hydraulic fluid, biologically degradable, fully synthetic. DIN EN ISO 6743 / 4 HEES, VDMA 24 568, OECD 301 F greater than 60%

SRS Industrial Transmission Oils

Product Name	ISO-VG	DIN 51 502	Recommendations / Approvals
SRS Wiolan CN	5 to 680	CL	Industrial transmission oils with corrosion and oxidation protection. DIN 51 517 Part 2 CL, DIN 51 524 Part 1 HL, DIN 51 506 VB / VBL ISO 12925 - 1 CKB, ISO 6743 - 6 CKB
SRS Wiolan CM	150 to 680	CL	Transmission / circulating oils, according to Morgoil specification. VDEh-Approval acc. SEB 181 225, DIN 51 517 Part 1 and 2 CL, ISO 12925-1 CKB, ISO 6743-6 CKB
SRS Ersolan	68 to 680	CLP	Heavy duty EP industry transmission oils. VDEh-Approval acc. SEB 181 226 DIN 51 517 Part 3 CLP, ISO 12925-1 CKC, ISO 6743-6 L-CKC, ZF TE-ML 04H, Bundeswehr TL 9150-0105/4
SRS Ersolan synth GF	68 to 460	CLP	High performance fully synthetic gear oils for use in thermal high loaded industrial gear boxes with extended drain intervals and in wind turbine gear boxes. DIN 51 517 Part 3 CLP, ISO 12925-1 CKC - CKD, U.S. Steel 224, AGMA 9005-E02, Siemens - Flender Industrial Gear Revision 15, SKF und FAG (wind turbine gear boxes)

SRS Turbine-, Circulating- And Compressor Oils

Product Name	ISO-VG	DIN 51 502	Recommendations / Approvals
SRS Wiolan CA	46 to 460	C / VB / VC	Cycle oils, paraffinic solvates, good air- and water separation ability. Also suitable for vacuum pumps and as hardening oil. DIN 51 517 Part 1 C, DIN 51 506 VB / VC, ISO 6743 Part 3 DVA / DVC
SRS Wiolan CD	32 to 320	VDL	Compressor oils with very low residue accumulation for high compression end-temperatures. DIN 51 506 VDL (covers Group VBL und VCL), ISO 6743 Part 3 DAA / DAG / DAH
SRS Wiolan DL	32 to 100		Zinc free oils for compressed air units. ISO 6743 Part 11 PAB / PBB
SRS Wiolan GT	32 bis 68	L-TD / L-TG	Turbine oils for gas- and steam-turbines with excellent ageing-resistance and good corrosion protection. ISO 8068 L-TSA / L-TGA / L-TGB / L-TSGB, DIN 51 524 Part 1 HL, DIN 51 515 Part 1 L-TD, Part 2 L-TG, Siemens TLV 90 13 04, ABB HTGD 90117, US Steel 1 BS 489, Solar ES9-224U, Mitsubishi Heavy Industries E00-87182, MAN Turbomaschinen, ABB-Stal-VTI 3200-3 / 9812108, GE GEK 28143A / 32568H / 107395A / 46506D

SRS Hydraulic Drive System Oils

Product Name	ISO-VG	DIN 51 502	Recommendations / Approvals
SRS Wiolan HF 32 DB	32	CLP / HLP	Power transmission fluid for hydrodynamic transmission in locomotives and railway applications. German Railways, Voith Turbo, Voith Turbo 120.00059010 Index 14
SRS Wiolan HF 32 synth	32	CLP / HLP	Fully synthetic power transmission fluid for hydrodynamic transmission in locomotives and railway applications for extended oil change intervals. Voith Turbo 120.00059010 Index 14