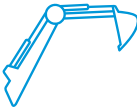


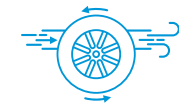


04/2023

	ACEA*	API*	OTHER	CATERPILLAR	MAN	MERCEDES-BENZ	RENAULT TRUCKS	VOLVO	OTHER	ALLISON· BOSCH· VOITH· ZF	OTHER
	Delo 100 Motor Oil SAE 40		CF-2						Detroit Diesel Two-stroke series: 53, 71, 92 & 149 engines^		
	Delo 400 XLE SAE 10W-30	E9; E6	CK-4; SN PLUS		ECF-3*	M3775; M3575*	MB-Approval 228.51/228.31	RLD-3	VDS-4.5	Case New Holland ^ CLAAS ^ Cummins CES 20086* DAF Standard Drain (Euro IV-VI)* Detroit Diesel DFS 93K222; DFS 93K221 Deutz DQC III-18 LA; DQC III-10 LA Fendt ^ John Deere JDQ 78X^ Mack EOS-4.5 Massey Ferguson ^ McCormick ^ MTU Oil Category 3.1 SAME^ Valtra ^	ZF TE-ML 03K^
	Delo 400 XLE HD SAE 10W-40	E9; E7; E6; E4	CI-4	JASO DH-2*	ECF-3*	M3575*; M3477*; M3271-1*	MB-Approval 228.51/228.31	RLD-3	VDS-4	Case New Holland ^ Case New Holland MAT 3521^ CLAAS ^ Cummins CES 20081 DAF Extended Drain (Euro 0-VI)* Detroit Diesel DFS 93K218 Deutz DQC IV-10 LA Fendt ^ Fiat Powertrain (FPT) FPI9 LUBR001 TLS E9^ Iveco 18-1804 TLS E9^ Mack EO-O Premium Plus Massey Ferguson ^ McCormick ^ MTU Oil Category 3.1; Oil Category 2.1* SAME^ Scania Low Ash* Valtra ^	Voith Retarder B*
	Delo 400 XSP-SD SAE 5W-30	E9; E7; E6	CK-4; SN	JASO DH-2*	ECF-3*	M3691; M3677; M3477*; M3271-1*	MB-Approval 228.52/228.51; MB 228.31*	RLD-3	VDS-4.5	Cummins CES 20086 DAF Extended Drain (Euro IV-VI)* Detroit Diesel DFS 93K222 Deutz DQC IV-18 LA; DQC TTCD Ford WSS-M2C213-A1* Iveco 18-1804 TLS E6^ Liebherr LH-00-ENG LA^ Mack EOS-4.5 MTU Oil Category 3.1 Scania LDF-4; Low Ash*	
	Delo 710 LS 40								Electro-Motive Diesel (as approved by Progress Rail) EMD engines requiring Tier 4 emissions; older generation locomotive engines General Electric LMOA Generation 7 (supersedes performance requirements of LMOA Generation 6)		
	Delo 1000 Marine SAE 30, 40					MAN Energy Solutions engines			Daihatsu engines Hyundai Himsen engines MaK (Caterpillar) engines Rolls Royce Bergen engines Wärtsilä Marine engines Yanmar engines		Approved by many major builders of trunk piston engines
	Delo Gold Ultra E SAE 15W-40	E7; A3/B4; A3/B3	CI-4	Global DHD-1* JASO DH-1*	ECF-2*	M3275-1*	MB-Approval 228.3; MB 229.1^	RLD-2	VDS-3	Case New Holland ^ CLAAS ^ Cummins CES 20078; CES 20077*; CES 20076*; CES 20072*; CES 20071* DAF Standard Drain (Euro 0-III)* Detroit Diesel DFS 93K215 Deutz DQC III-10* Fendt ^ Iveco Euro IV^ & V^ engines Mack EO-N Massey Ferguson ^ McCormick ^ MTU Oil Category 2 SAME^ Valtra ^	Allison C-4*
	Ursa Heavy Duty SAE 30, 40	E2	CF			M3275-2*	MB 228.2*		Transmission Oil 97305 ^[40]	MTU Oil Category 2* ^[30]	

	Clarity Synthetic EA Gear Oil 100			ANSI/AGMA 9005-F16: AS* DIN 51517-3* U.S. Steel (AIST) 224*							Aegir * Berg * Blohm+Voss * Chesterton * Fives Cincinnati P-76* David Brown S1.53.101* IHC Merwede * James Walker * Kanewa * Kemel * Ortlinghaus * Schottel * Wärtsilä *
	Meropa 68, 100, 150, 220, 320, 460, 680, 1000, 1700			ANSI/AGMA 9005-F16: AS* DIN 51517-3: CLP* ISO 12925-1: L-CKD*, L-CKC* U.S. Steel (AIST) 224*							Fives Cincinnati P-35* ^[460] ; P-59* ^[320] ; P-63* ^[68] ; P-74* ^[220] ; P-76* ^[100] ; P-77* ^[150] ; P-78* ^[1000] Textron Power Transmission 2E* ^[68] ; 3E* ^[100] ; 4E* ^[150] ; 5E* ^[220] ; 6E* ^[320] ; 7E* ^[460] ; 8E* ^[680] ; 9E* ^[1000]
	Meropa XL 150, 220, 320, 460			ANSI/AGMA 9005-F16* China National Standard GB 5903: L-CKD* DIN 51517-3: CLP* ISO 12925-1: L-CKSMP*, L-CKE*, L-CKD*, L-CKC* U.S. Steel (AIST) 224*						ZF TE-ML 04H (ZF003570 ^[150] , ZF00811 ^[220])	David Brown S1.101E* Fives Cincinnati P-35* ^[460] ; P-59* ^[320] ; P-74* ^[220] ; P-77* ^[150] FLENDER gear units Rev.16 for Helical-, Bevel- and Planetary gear units GROB * Joy TO-HD* ^[460] ; TO-MEP* ^[220, 320] Pekrun ^ Reintjes BV1597/3; BV1917/4; BV2060/3; BV2030/4 Rexnord Falk gear drive models V, A, F & J; Planetgear (obsolete Falk) gear drive models D, G, Y; Planetgear (obsolete Falk) link belt model R SMS Group SN 180-2* Sumitomo Drive Technologies Paramax Gear Boxes ^[150, 220, 320]

	Clarity Synthetic EA Hydraulic Oil 100			DIN 51524-3* ISO 15380: HEPR*					Parker Hannifin (Denison)*		Blohm+Voss Fives Cincinnati P-69* Kemel Company Wärtsilä
	Clarity Synthetic Hydraulic Oil AW 32, 46, 68			ASTM D6158: HV* DIN 51524-3: HVLP* ISO 11158: L-HV*							Arburg plastic extruders^ Eaton (Vickers) 35VQ25* (pump test); M-2950-S* (mobile) & I-286-S* (stationary) hydraulic systems Fives Cincinnati P-68 ^[32] ; P-69 ^[68] ; P-70 ^[46] Frank Mohn (Framo) hydraulic cargo pumping^ Hitachi/John Deere Construction JCMAS HK^ Krauss-Maffei Kunststofftechnik ^
	Hydra 46			ISO 15380: L-HEES* Swedish Standard SS 15 54 34 (environmentally acceptable)* VDMA 24568: HEES*							
	Hydraulic Oil HDZ 32, 46, 68			ASTM D6158: HV* DIN 51524-3* ISO 11158: L-HV* U.S. Steel (AIST) 127; 136*							Bosch Rexroth * Eaton (Vickers) M-2950-S* (mobile) & I-286-S* (stationary) hydraulic systems Fives Cincinnati P-68* ^[32] ; P-69* ^[68] ; P-70* ^[46]
	Rando Ashless 8401			DIN 51524-3* Swedish Army Standard FSD 8401*				Hydraulic Oil 98607*			
	Rando DX 46			ASTM D6158: HV* DIN 51524-3* ISO 11158: L-HV*					Parker Hannifin (Denison) HF-0		Eaton (Vickers) E-FDGN-TB002-E Fives Cincinnati P-70*
	Rando HD 10, 22, 32, 46, 68, 100, 150			ANSI/AGMA 9005-F16: R&O* ^[46, 68, 100, 150] DIN 51524-2: HLP* ISO 11158: L-HM* SAE M51004: HM* ^[32, 46, 68, 100] SEB 181222* ^[22, 32, 46, 68, 100] U.S. Steel (AIST) 136* ^[10, 22, 32, 46, 68, 100] ; 127* ^[10, 22, 32, 46, 68, 100]				General Motors LS2 specification ^[32, 46, 68] ; GM LH* ^[32, 46, 68] Parker Hannifin (Denison) HF-2 ^[32, 46, 68] ; HF-1 ^[32, 46, 68] ; HF-0 ^[32, 46, 68] ; T6H2O ^[32, 46, 68]		Bosch Rexroth RDE 90245; HVLP (HV) ^[32, 46, 68] ; HLP (HM) ^[32, 46, 68] Eaton (Vickers) M-2950-S ^[32, 46, 68] (mobile) & I-286-S ^[32, 46, 68] (stationary) hydraulic systems Fives Cincinnati P-68 ^[32] ; P-69 ^[68] ; P-70 ^[46] Joy HO-S* ^[68]	
	Rando HDZ 15, 22, 32, 46, 68, 100			ANSI/AGMA 9005-F16: R&O* ^[32, 46, 68, 100] ASTM D6158: HV*, HM* DIN 51524-2: HVLP*; 51524-2: HLP* ISO 11158: L-HV*, L-HM* JCMAS HK: 32* ^[32] , 46* ^[46] SAE M51004: HV* ^[22, 32, 46, 68, 100] , HM* ^[22, 32, 46, 68, 100] U.S. Steel (AIST) 127* ^[32, 46, 68] ; 126* ^[32, 46, 68]		Truck & Bus OEM engine specifications ^[15]		Hydraulic Oil 98611 ^[32, 46, 68] ; Hydraulic Oil 98608* ^[32, 46, 68]	Parker Hannifin (Denison) HF-2 ^[32, 46, 68] ; HF-1 ^[32, 46, 68] ; HF-0 ^[32, 46, 68]	ZF TE-ML 04R (ZF003576) ^[32, 46]	Arburg injection moulding ^[46] Bosch Rexroth RDE 90245; HVLP (HV) ^[32, 46, 68] ; RA 9221a* ^[32, 46, 68] ; RA 90220a* ^[32, 46, 68] ; RE 90221a* ^[32, 46, 68] ; RE 90220a* ^[32, 46, 68] Eaton (Vickers) 35VQ25A* ^[32, 46, 68] (pump test); M-2950-S* ^[32, 46, 68] (mobile) & I-286-S* ^[32, 46, 68] (stationary) hydraulic systems Fives Cincinnati P-68* ^[32] ; P-69* ^[68] ; P-70* ^[46] Frank Mohn (Framo) hydraulic cargo pumping ^[46]



	ACEA*	API*	OTHER	CATERPILLAR	MAN	MERCEDES-BENZ	RENAULT TRUCKS	VOLVO	OTHER	ALLISON; BOSCH; VOITH; ZF	OTHER
Cetus DE 100			ISO 6743-3: L-DAC*								
Cetus HiPerSYN Oil 46			DIN 51506: VDL* NSF H2 130527* U.S. Fish and Wildlife Service & U.S. Environmental Protection Agency (EPA) acute aquatic toxicity (LC-50) criteria^								
Cetus PAO 32, 46, 68			DIN 51506: VDL*								ABB VTR 4 turbochargers [68]
Compressor Oil EP VDL 32, 46, 68, 100, 150			DIN 51506: VDL* [32, 46, 68] ISO 6743-3: L-DAH [32, 46, 68], L-DAJ* [32, 46, 68]								Hamworthy air compressors^ [100] Hatlapa W- and L-type, and V-Line piston compressors^ [100] Sperre for use in Classic 30 bar reciprocating air compressors^ [100] Tanabe for use in reciprocating-type compressors^ [100] Teikoku air compressors^ [100]



Clarity Synthetic EA Grease			DIN 51502: KPE2 G-40* European Ecolabel ISO 12924: L-XD(F)BIB-2* Swedish Standard SS 15 54 70 VGP 2013 compliance*								
Delo Starplex EP 2			DIN 51502: KP2 N-30* ISO 6743-9: L-XCDHB-2* NLGI GC-LB*			MB 265.1*		Lubricating Grease 97720*	Mack GC-G*		
Molytex EP 2			Association of American Railroads M-929-75 DIN 51502: KPF2 K-30* ISO 6743-9: L-XCCEB-2*					Lubricating Grease 97765			
Multifak 264 EP 00/000			DIN 51502: GP00/000 K-50* ISO 6743-9: L-XEBEB-00/000*	283 Li-P 00		Liefervorschrift DBL 6833.00; Blue Book spec 264					Firma Willy Vogel Central lubrication Lincoln Central lubrication Tecalemit Central lubrication
Multifak EP 0, 1, 2			DIN 51502: GP0 K-30 [EP 0], KP0 K-30* [EP 0], KP1 K-30* [EP 1], KP2 K-30* [EP 2] ISO 6743-9: L-XCCEB-0* [EP 0], L-XCCEB-1* [EP 1], L-XCCEB-2* [EP 2] NATO G-414 [EP 2] NLGI LB [EP 1, EP 2]	283 Li-P [EP 2]		MB-Approval 267.0 [EP 2]		Lubricating Grease 97718 [EP 2]	Daimler Truck DTFR 338120 [EP 2] GROB^ SMS Group SN 180-1^ Timken plain and antifriction bearings and particularly for bearings subjected to shock loading^		Fives Cincinnati P-64
Multifak Premium 3			DIN 51502: K3 K-30* ISO 6743-9: L-XCCFA-3*								
Multifak T EP 2			DIN 51502: KP2 K-20* ISO 6743-9: L-XBCEB-2*								
Novatex EP 2			DIN 51502: KP2 K-30* ISO 6743-9: L-XC(F)CIB-2*								Hoesch Rothe Erde Approved to be used with the following seals up to +70°C POM^, HDPE^, Perbunan^ & Viton^, and all plastic parts used by Hoesch Rothe Erde^ The seals (Perbunan & Viton) have been tested for 168h at +70°C, the distance keepers (POM & HDPE) 24 weeks at +70°C



Antifreeze/Coolant EGX Concentrate, Premixed 50/50			ASTM D6210*; D3306* UNE 26-361-88/1*					VCS-2^	CLAAS^ DAF/Leyland Trucks^ Jaguar Land Rover STJLR.03.5212* John Deere Power Systems^ Perkins engines^ UD Trucks^		
Delo XLC Antifreeze/Coolant Concentrate, Premixed 50/50			ASTM D6210*		324 Type SNF [Premixed 50/50]; MAN Energy Solutions Engine 175D	MB-Approval 325.3 [Concentrate]; MB-Approval 326.3 [Premixed 50/50]		VCS 418-0001*; Volvo Construction Equipment (VCE) Diesel Engines^; Volvo Truck Diesel Engines^	Chrysler Vehicles post 2001^ Cummins CES 14439 DAF 74002 Detroit Diesel DFS 93K217 Deutz DQC CB-14; Stationary Diesel Engines^ European HD OEMs that require both phosphate-free and nitrite-free formulations^ Ford WSS-M97B44-D*; Vehicles post 2003^ General Motors Vehicles post 1995^ Hino Truck Diesel Engines^ Isuzu Truck Diesel Engines^ Japanese HD OEMs that require silicate-free formulations^ Jenbacher TA 1000-0200 Kobelco Construction Equipment Diesel Engines^ Komatsu Construction Equipment Diesel Engines^ Mack Truck Diesel Engines^ MaK (Caterpillar)^ [Concentrate] MTU 2000 & 4000-01/02/03 series MWM (Caterpillar Energy Solutions) TR-2091 GR.2 Navistar MAXXFORCE Engines^ Scania Truck Diesel Engines^ TMC RP 364 Type 1* Wärtsilä Stationary Diesel Engines^		
HDAX ELC Premixed 50/50			ASTM D6210*; D3306*	Caterpillar^					Ajax^ Cooper-Bessemer^ MWM (Caterpillar Energy Solutions)^ Wärtsilä^ Waukesha^ White Superior^		



Capella Premium 68			DIN 51503-1: KAA*								
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* **GB** In Chevron's opinion the product is suitable for use in applications where a product of this specification is required. **NL** Chevron is van mening dat het product geschikt is voor gebruik in toepassingen die een product met deze specificatie vereisen. **F** Selon Chevron, le produit convient pour une utilisation dans des applications où un produit de cette spécification est exigé. **DE** Nach Auffassung von Chevron ist das Produkt empfehlenswert und eignet sich zur Verwendung, sofern ein Produkt dieser Spezifikation erforderlich ist. **IT** Secondo il parere tecnico di Chevron, il prodotto è indicato per l'uso in applicazioni che richiedono una tale specifica. **PL** Chevron zaleca – w opinii firmy Chevron produkt jest odpowiedni do zastosowania w miejscach, gdzie produkt o tej specyfikacji jest wymagany. **RU** По мнению специалистов Chevron, данный продукт подходит для применения, где требуется продукт с указанными техническими характеристиками.

* **GB** Performance – product is either (i) not currently formally approved or certified by the OEM or Industry Standard Organisation; (ii) self-certified; or (iii) was formally approved against an OEM specification which is now obsolete. However, in Chevron's opinion the product is recommended and suitable for use in applications where a product of this specification is required. **NL** Prestaties – het product is (i) momenteel niet formeel goedgekeurd of gecertificeerd door de OEM of industriestandaardorganisatie; (ii) door Chevron gecertificeerd; of (iii) is eerder goedgekeurd voor een OEM-specificatie die niet meer geldig is. Chevron is echter van mening dat dit product aan te bevelen en geschikt is voor toepassingen waarvoor een product met deze specificatie is vereist. **F** Performances – le produit (i) est soit actuellement non approuvé ou non certifié officiellement par le fabricant d'équipement d'origine (OEM) ou l'organisation de normalisation (ISO), (ii) soit auto-certié, ou (iii) a été officiellement déclaré conforme à une spécification du constructeur désormais obsolète. Toutefois, selon Chevron, le produit est recommandé et adapté pour une utilisation dans des applications où un produit présentant ce type de caractéristiques techniques est exigé. **DE** Leistung – das Produkt (i) besitzt derzeit keine formale OEM- oder Industriestandard-Freigabe; (ii) besitzt eine Eigenzertifizierung; oder (iii) hat früher eine OEM-Freigabe besessen, die mittlerweile aber obsolet ist. Nach Auffassung von Chevron ist das Produkt jedoch empfehlenswert und eignet sich zur Verwendung, sofern ein Produkt dieser Spezifikation erforderlich ist. **IT** Livello di prestazioni – Il prodotto (i) non è al momento attuale approvato o omologato formalmente dal Costruttore o secondo lo Standard Internazionale; (ii) è autocertificato; oppure (iii) è stato approvato formalmente rispetto alla specifica del Costruttore, che però risulta al momento attuale obsoleta. Tuttavia, secondo il parere tecnico di Chevron il prodotto è raccomandato e adatto all'uso in applicazioni che richiedono una tale specifica. **PL** Normy i zatwierdzenia – produkt (i) nie posiada jeszcze formalnego zatwierdzenia lub certyfikacji producentów oryginalnego sprzętu lub branżowej organizacji normalizacyjnej; (ii) deklaracja producenta; lub (iii) był formalnie zatwierdzony wg specyfikacji OEM, która jest obecnie nieaktualna. W opinii Chevron produkt jest jednak zalecany i odpowiedni do użytku w zastosowaniach, w których wymagany jest produkt o tej specyfikacji. **RU** Эксплуатационные характеристики – данный продукт (i) в настоящее время официально не одобрен или не подтвержден производителем оборудования (OEM); или организацией по промышленной стандартизации; или (ii) подтвержден самостоятельно; или (iii) был официально одобрен по спецификации производителя оборудования (OEM), которая в настоящий момент устарела. Однако, по мнению специалистов Chevron, данный продукт может быть рекомендован для применения, где требуется продукт с указанными техническими характеристиками.

GB For backward compatibility of products, refer to PDS: texacolubricants.com/PDS **NL** Raadpleeg voor achterwaartse compatibiliteit van producten het PDS: texacolubricants.com/PDS **F** Pour plus d'informations sur la rétrocompatibilité des produits, veuillez vous reporter aux fiches techniques disponibles : texacolubricants.com/PDS **DE** Hinweise zur Rückwärtskompatibilität finden Sie im Produktdatenblatt unter: texacolubricants.com/PDS **IT** Per la retrocompatibilità dei prodotti, fare riferimento alle PDS: texacolubricants.com/PDS **PL** Informacje na temat kompatybilności wstecznej produktów znaleźć można w kartach charakterystyki: texacolubricants.com/PDS **RU** Для получения дополнительной информации о совместимости продуктов с предыдущими версиями, обратитесь к технической спецификации продукта (PDS) по ссылке: texacolubricants.com/PDS