

Application Recommendations *Anwendungsempfehlungen*

The comfortable guide will take you to the product which fulfils your requirements best. The bullet points in the survey will help you to select the appropriate product. According to these recommendations you will also find the same structure in our WEB-Product Catalogue containing the Data Sheets with the product details. Please use the link:

www.cognis.com ▶ Business Units ▶ Functional Products ▶ Synlubes Technology ▶ Our Products

Die bequeme Suchhilfe für Ihre anwendungsorientierte Produktauswahl. Die Orientierungspunkte in der Übersicht sollen Ihnen bei der Auswahl des passenden Produkts helfen. Angepasst an diese Struktur finden Sie in unserem Internet-Produktkatalog die Datenblätter mit den Details zum ausgewählten Produkt.

Bitte benutzen Sie den folgenden Link:

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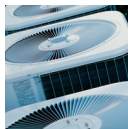
Application Recommendations / Anwendungsempfehlungen

As of January 2006 / Stand Januar 2006

Synlubes Technology / Synlubes Technology

4-Stroke Crankcase Oils / 4-Takt Motorenöle
 2-Stroke Engine Oils / 2-Takt Motorenöle
 Gear & Transmission Oils / Getriebeöle
 Greases / Schmierfette
 Lube Additives / Schmierstoff-Additive
 Hydraulic Fluids / Hydraulikflüssigkeiten
 Cutting Fluids / Schneidflüssigkeiten
 Neat Oils / Metallbearbeitungsöle
 Steel Rolling Oils / Stahlwalzöle
 Aluminium Processing / Aluminiumbearbeitung
 Industrial Gear Oils / Industriegetriebeöle
 Refrigeration Compressor Fluids / Kältemaschinenöle
 Chain Lubricants / Kettenerschmierstoffe

Product	Product Group	Chemical Description	Automotive					Industrial					
EMGARD MTF 4200	Compounded Lubes	HDT Manual Transmission Fluid											
EMGARD UAF 4209	Compounded Lubes	HDT Universal Axle Fluid											
PROECO RF 10 M	Polyol-Esters	Highly Miscible (HFC) Polyol-Ester											
PROECO RF 100 M	Polyol-Esters	Highly Miscible (HFC) Polyol-Ester											
PROECO RF 15 M	Polyol-Esters	Highly Miscible (HFC) Polyol-Ester											
PROECO RF 22 M	Polyol-Esters	Highly Miscible (HFC) Polyol-Ester											
PROECO RF 32 M	Polyol-Esters	Highly Miscible (HFC) Polyol-Ester											
PROECO RF 46 M	Polyol-Esters	Highly Miscible (HFC) Polyol-Ester											
PROECO RF 68 M	Polyol-Esters	Highly Miscible (HFC) Polyol-Ester											
PROECO RF 10 S	Polyol-Esters	Hydrolytically Stable Polyol-Ester											
PROECO RF 15 S	Polyol-Esters	Hydrolytically Stable Polyol-Ester											
PROECO RF 22 S	Polyol-Esters	Hydrolytically Stable Polyol-Ester											
PROECO RF 32 S	Polyol-Esters	Hydrolytically Stable Polyol-Ester											
PROECO RF 46 S	Polyol-Esters	Hydrolytically Stable Polyol-Ester											
PROECO RF 68 S	Polyol-Esters	Hydrolytically Stable Polyol-Ester											
PROECO RF 7 S	Polyol-Esters	Hydrolytically Stable Polyol-Ester											
SYNATIVE AC 2142	Emulsifiers	Nonionic Emulsifier Package											
SYNATIVE AC 3160	Corrosion Inhibitors	Monoethanolamide Package											
SYNATIVE AC 3370 V	Emulsifiers	Fatty Alcohol Alcoxyolate											
SYNATIVE AC 3412 V	Emulsifiers	Fatty Alcohol Alcoxyolate											
SYNATIVE AC 3499	Emulsifiers	Monoethanolamide											
SYNATIVE AC 3651	Emulsifiers	Fatty Alcohol Alcoxyolate											
SYNATIVE AC 3652	Emulsifiers	Fatty Alcohol Alcoxyolate											



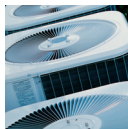
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Product	Product Group	Chemical Description	Automotive					Industrial												
SYNATIVE AC 3653	Emulsifiers	Fatty Alcohol Alcoxylate							●											
SYNATIVE AC AMH 2	Additives	Defoamer		●		●	●												●	
SYNATIVE AC EP 5 LV	Emulsifiers	Fatty Alcohol Alcoxylate							●	●	●									
SYNATIVE AC ET 5 V	Emulsifiers	Fatty Alcohol Alcoxylate							●	●	●									
SYNATIVE AC Q 3 V	Emulsifiers	Fatty Alcohol Alcoxylate							●		●									
SYNATIVE AC RT 11	Emulsifiers	Castor Oil Alcoxylate							●		●									
SYNATIVE AC RT 5	Emulsifiers	Castor Oil Alcoxylate							●		●									
SYNATIVE ACTL 55	Emulsifiers	Fatty Acid Polyglycol-Ester							●		●									
SYNATIVE AL 70/75 V	Fatty Alcohols	Oleyl/Cetyl Fatty Alcohol							●	●										
SYNATIVE AL 80/85 V	Fatty Alcohols	Oleyl/Cetyl Fatty Alcohol							●	●										
SYNATIVE AL 90/95 V	Fatty Alcohols	Oleyl/Cetyl Fatty Alcohol							●	●										
SYNATIVE AL C 12/98-100	Fatty Alcohols	Fatty Alcohol							●											
SYNATIVE AL G 16	Fatty Alcohols	2-Hexyldecyl Alcohol							●	●										
SYNATIVE AL G 20	Fatty Alcohols	2-Octyldodecyl Alcohol							●	●										
SYNATIVE AL S	Fatty Alcohols	Fatty Alcohol C12 C14																●		
SYNATIVE AL T	Fatty Alcohols	Fatty Alcohol C12 C18																●		
SYNATIVE ES 2458	Emulsifiers	Fatty Acid Polyglycol-Ester								●										
SYNATIVE ES 2742	TMP-Esters	TMP/NPG-Oleate							●											
SYNATIVE ES 3157	Complex-Esters	Polyol-Complex-Ester							●											
SYNATIVE ES 3235	NPG-Esters	NPG-Cococate																●		
SYNATIVE ES 3237	Complex-Esters	Polyol-Complex-Ester							●			●								●
SYNATIVE ES 3345	Complex-Esters	Polyol-Complex-Ester		●					●											●
SYNATIVE ES 3358	TMP-Esters	TMP-Trioate							●											



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Product	Product Group	Chemical Description	Automotive					Industrial									
SYNATIVE ES NPG 05	NPG-Esters	NPG-Dioleate						●									
SYNATIVE ES PDO	PE-Esters	PE-Dioleate		●				●									
SYNATIVE ES PEC 4	PE-Esters	PE-C8/C10-Ester			●					●							●
SYNATIVE ES PGDO	Polyol-Esters	Propyleneglycol Dioleate				●			●								
SYNATIVE ES PTO	PE-Esters	PE-Tetraoleate						●	●								
SYNATIVE ES TMP 05	TMP-Esters	TMP-Trioleate			●			●	●	●							
SYNATIVE ES TMP 05/1000	Complex-Esters	Polyol-Complex-Ester			●			●						●			
SYNATIVE ES TMP 05/140	Complex-Esters	Polyol-Complex-Ester			●			●						●			
SYNATIVE ES TMP 05/320	Complex-Esters	Polyol-Complex-Ester			●			●						●			
SYNATIVE ES TMP 05/68	Complex-Esters	Polyol-Complex-Ester			●			●				●					
SYNATIVE ES TMP 05/68-H	Complex-Esters	Polyol-Complex-Ester			●			●									
SYNATIVE ES TMP 05-A	TMP-Esters	TMP-Trioleate			●			●	●	●							
SYNATIVE ES TMP 05-H	TMP-Esters	TMP-Trioleate			●			●									
SYNATIVE ES TMTC	TMP-Esters	TMP-C8/C10-Ester	●	●	●			●									●

Additional Methyl-Esters are available upon request /
 Weitere Methyl-Ester sind auf Anfrage erhältlich



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