



Castrol (U.K.) Limited

The Leading Lubrication Specialist



# SAFETY DATA SHEET

## 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name: **Alphasyn T 150** Code: **3126-UK**

Application: Gear lubrication.

Company: **Castrol (U.K.) Limited**  
Address: **Burmah Castrol House, Pipers Way, Swindon, Wiltshire, SN3 1RE**  
Telephone (24 hours): **01793 512712** Fax: **01793 491442**

## 2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Synthetic lubricants and additives.  
Contains N-phenyl-1-naphthylamine.

### Hazardous Ingredient(s)

This product contains ingredients classified as hazardous. However, they are NOT present in sufficient quantities to warrant classifying the product as hazardous.

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of Notified Chemical Substances) or are exempt.  
Refer to Section 8 for Occupational Exposure Limits.

## 3: HAZARDS IDENTIFICATION

This product is NOT classified as hazardous.

May be dangerous to the environment, refer to Section 12.

## 4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for several minutes.  
Skin: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.  
Inhalation: Remove from exposure.  
Ingestion: Obtain medical attention urgently. Do NOT induce vomiting.

## 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, powder, foam or water fog - Do not use water jets. Prevent contaminated extinguishing media from entering drains, sewers and water courses.  
Special Exposure Hazards: None.  
Special Protective Equipment: None.

## 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Spilt product presents a significant slip hazard.  
Environmental Precautions: Prevent entry into drains, sewers and water courses.  
Decontamination Procedures: Soak up with inert absorbent or contain and remove by best available means.



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## 7: HANDLING AND STORAGE

**Handling:** To avoid the possibility of skin disorders, repeated or prolonged contact with products of this type must be avoided. It is essential to maintain a high standard of personal hygiene.

**Storage:** No special precautions.

## 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:-** None.

**Engineering Control Measures:** Mechanical methods to minimise exposure must take precedence over personal protective measures.

**Personal Protective Equipment:** Avoid skin and eye contact. Wear impervious gloves (eg of PVC), in case of repeated or prolonged contact.  
Change contaminated clothing and clean before re-use.

## 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Colour:** Yellow

**Odour:** Mild

**Boiling Point/Range (°C):** Above 250

**Melting Point/Range (°C):** Below minus 30

**Pour Point:**

**Kinematic Viscosity ( at 40°C ):** 150

**Flash Point (closed, °C):** Above 210

**Autoignition (°C):** Above 250

**Explosive Properties (%):** Not determined

**Vapour Pressure (kPa at 20°C):** Below 0.01

**Relative Density (at 20°C):** 0.87

**Water Solubility:** Insoluble

**Fat Solubility:** Not determined

## 10: STABILITY AND REACTIVITY

**Stability:** Stable, will not polymerise.

**Conditions to Avoid:** Temperatures (°C) above 150.

**Materials to Avoid:** Strong oxidising agents.

**Hazardous Decomposition Products:** Irritant fumes.

## 11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components. Expected oral LD<sub>50</sub>, rat > 2g/kg.

### Health Effects

**On Eyes:** May cause transient irritation.

**On Skin:** Unlikely to cause harm on brief or occasional contact.

**By Inhalation:** Low volatility makes inhalation unlikely at ambient temperatures.

**By Ingestion:** May cause nausea, vomiting and diarrhoea.

**Chronic:** Repeated and prolonged skin contact may lead to skin disorders.

**Other:** None known.



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## 12: ECOLOGICAL INFORMATION

<b>Environmental Assessment:</b>	May cause ecological damage in aquatic systems and must be used and disposed of in accordance with the recommendations made in this safety data sheet.
<b>Mobility:</b>	Non-volatile. Liquid. Insoluble in water.
<b>Persistence and Degradability:</b>	Inherently biodegradable.
<b>Bioaccumulative Potential:</b>	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
<b>Ecotoxicity:</b>	Expected to be harmful to aquatic organisms. Not expected to be inhibitory to sewage bacteria.

## 13: DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

<b>Unused Product:</b>	Classified as a special waste. European Waste Code: 13 02 02. May be sent for reclamation.
<b>Used/Contaminated Product:</b>	Dispose of through an authorised waste contractor to a licensed site. May be incinerated. European Waste Code: 13 02 02.
<b>Packaging:</b>	Must be disposed of through an authorised waste contractor. May be steam cleaned and recycled.

## 14: TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

## 15: REGULATORY INFORMATION

This product is NOT classified as dangerous for supply in the UK.

### Hazard Label Data:-

**Risk Phrases:**

**Safety Phrases:**

<b>EC Directives:</b>	Hazardous Waste Directive, 91/689/EEC.
<b>Statutory Instruments:</b>	Health & Safety at Work, etc. Act 1974. Consumer Protection Act 1987. Environmental Protection Act 1990. Special Waste Regs. 1996 (SI 972).
<b>Codes of Practice:</b>	Waste Management. The Duty of Care.
<b>Guidance Notes:</b>	Save your skin! - Occupational Contact Dermatitis [MS(B)6]. Dermatitis - cautionary notice [SHW 367]. Health and safety in engineering workshops (HSG129). Preventing dermatitis at work - Advice for employers and employees (INDG233).

The above publications are available from HMSO or HSE

## 16: OTHER INFORMATION

Since the previous issue the following sections have been amended: 2, 3, 5, 8, 9, 12, 13, 15 & 16.



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# SAFETY DATA SHEET

The data and advice given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

Further copies of this Safety Data Sheet may be obtained from Castrol (U.K.) Limited.



## Product Data

30-08-2000

# ALPHASYN T RANGE

## *Synthetic Lubricating System Oil*

### DESCRIPTION

The Castrol Alphasyn T range of high performance, fully synthetic lubricants is designed for use in central lubricating systems and gearboxes operating under arduous conditions - particularly at elevated temperatures.

### APPLICATION

Based upon synthetic hydrocarbons, these products exhibit outstanding thermal stability and resistance to oxidation, excellent viscosity/temperature characteristics, high load carrying ability, outstanding water and air separation, low foaming tendency and exceptional rust protection. Castrol Alphasyn T was originally developed in ISO 150, 220 and 320 viscosity grades for the central lubrication systems of paper-making machines. The range of viscosities available has been extended to ensure that a product is available for virtually every application where a lubricating oil is placed under extreme stress, from hydraulic systems (using Alphasyn T32 and 46) through to large, slow moving gears where Alphasyn T680 would be used. The outstanding oxidation stability of Alphasyn T grades allows oil change intervals to be extended in circumstances where extreme operating conditions results in a short service life when using conventional mineral oil based lubricants and can also allow demonstrable savings in more normal situations by reducing the level of maintenance required. All products in the Alphasyn T range of lubricants have very low pour points and excellent viscosity/temperature characteristics, allowing their use in low temperature as well as high temperature applications.

### FEATURES

- ◆ High oxidation stability results in resistance to ageing and therefore increased oil life; reduction in machine downtime and interruptions to production caused by thermal degradation products being deposited in bearings and oilways, restricting lubricant flow
- ◆ High load carrying ability, outstanding wear protection and favourable friction characteristics which give reduced energy losses
- ◆ High natural Viscosity Index (low variation of viscosity with temperature changes) and low Pour Point which results in improved cold start characteristics; 'multigrade' characteristics allowing rationalisation of lubricant stocks and reduced risk of use of incorrect products





## Product Data

# ALPHASYN T RANGE

- ◆ Low Volatility and hence:
  - (a) oil consumption due to evaporation reduced;
  - (b) viscosity does not increase in service due to the loss of volatile fractions from the base fluid.
- ◆ Castrol Alphasyn T is compatible with conventional seal materials and points and is fully miscible with mineral oil. This allows conversion of existing systems without the need for equipment modification or extensive flushing procedures as can be required with other types of synthetic lubricants.
- ◆ Does not attack concrete in the event of spillages.

## TYPICAL PHYSICAL CHARACTERISTICS

ISO Viscosity Grade	-	32	46	68	150
Kinematic Viscosity. cSt	IP226/ASTM D445				
@ 0°C		245	385	650	1700
@ 40°C		32	46	68	150
@ 100°C		6.2	7.8	11.0	19
Viscosity Index	IP226/ASTM D2270	150	150	150	150
Relative Density @ 20 °C		0.840	0.850	0.860	0.870
Open Flash Point, °C	IP35	210	280	290	300
Pour Point, °C	IP15/ASTM D97	-54	-48	-48	-36
Foaming Tendency	IP146/ASTM D892				
Sequence 1 @ 24°C mis		0/0	0/0	0/0	0/0
Sequence 2 @ 93.5°C mis		10/0	10/0	10/0	10/0
Sequence 3 @ 24°C mis		0/0	0/0	0/0	0/0
NOACK Volatility, %	-	12	3	3	2
Water Separation	ASTM D1301				
@ 54°C, mins		5	10	15	-
@ 82°C, mins		-	-	-	15
Rust Prevention	IP135B/ASTM D665B	Pass	Pass	Pass	Pass

FZG Gear Test Failure Load	IP334	11	11	12	12+
4-Ball Wear Test, Weld Point, kg	IP239	140	140	150	160
Wear Scar, mm	-				
1 hr, 1800 rpm, 20kg load		0.32	0.30	0.30	0.28

All reasonable care has been taken to ensure that the information contained in this publication is accurate as at the date of printing. It should be noted however that the information above may be affected by changes occurring subsequent to the date of printing in the blend formulation or methods of application of any of the products referred to or in the requirements of any specification approval relating to any such products.



## Product Data

# ALPHASYN T RANGE

### TYPICAL PHYSICAL CHARACTERISTICS

ISO Viscosity Grade	-	220	320	460	680
Kinematic Viscosity. cSt	IP226/ASTM D445				
@ 0°C		2500	5000	7300	13500
@ 40°C		220	320	460	680
@ 100°C		26	37	48	57
Viscosity Index	IP226/ASTM D2270	150	160	160	150
Relative Density @ 20 °C		0.870	0.875	0.875	0.875
Open Flash Point, °C	IP35	300	300	300	300
Pour Point, °C	IP15/ASTM D97	-36	-33	-33	-21
Foaming Tendency	IP146/ASTM D892				
Sequence 1 @ 24°C mis		0/0	0/0	0/0	0/0
Sequence 2 @ 93.5°C mis		10/0	20/0	20/0	20/0
Sequence 3 @ 24°C mis		0/0	0/0	0/0	0/0
NOACK Volatility, %	-	2.0	2.0	2.0	2.0
Water Separation	ASTM D1301				
@ 54°C, mins		-	-	-	-
@ 82°C, mins		20	20	25	25
Rust Prevention	IP135B/ASTM D665B	Pass	Pass	Pass	Pass
FZG Gear Test Failure Load	IP334	12+	12+	12+	12+
4-Ball Wear Test, Weld Point, kg	IP239	180	230	250	260
Wear Scar, mm	-				
1 hr, 1800 rpm, 20kg load		0.26	0.26	0.25	0.24

**Health and Safety information sheets are available for all Castrol products from the address below:**

**Castrol A/S, Islands Brygge 43, 2300 København S , Tlf. 3363 0000, Fax 3363 0011**

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## 1: IDENTIFIKATION AF STOFFET/MATERIALET

**Navn:** Alphasyn T-serie **Kode:** DK-3122  
**Produkt type:** Smøring af gear

**Firma:** Castrol A/S  
**Adresse:** Islands Brygge 43, DK-2300 Copenhagen S, Denmark  
**Telefon:** +45 33 63 00 00  
**Fax:** +45 33 63 00 22  
 Telefonnummer i nødstilfælde: Giftinformationen, Arbejds- og Miljømedicinsk Klinik (DK) kontaktes af lægen på telefon +45 35 31 60 60 / +45 35 31 35 31

## 2: SAMMENSÆTNING/OPLYSNINGER OM INDHOLDSSTOFFER

**Sammensætning:** Syntetiske smøremidler og additiver.

### Sundhedsfarlig(e) stof(fer)

Dette produkt indeholder stoffer der er klassificeret som farlige, men ikke i mængder der gør at produktet skal faremærkes.

Alle bestanddele i dette produkt er opført i EINECS (Den europæiske opgørelse over eksisterende kommercielle kemiske stoffer) eller i ELINCS (Den europæiske liste over anmeldte kemiske stoffer) eller er fritaget  
 Arbejdsmæssige faregrænser : Se Afsnit 8

## 3: FAREIDENTIFIKATION

Dette produkt er **IKKE** klassificeret som farligt.

## 4: FØRSTEHJÆLPSFORANSTALTNINGER

**Øjenkontakt:** Skyl straks med rigelig mængder vand i adskillige minutter. Søg lægehjælp ved vedvarende irritation.  
**Hudkontakt:** Vask med vand og sæbe. Hvis huden har tendens til udtørring, påsmøres en fugtighedscreme.  
**Indånding:** Fjernes fra eksponeringen.  
**Indtagelse:** Søg hurtigt lægehjælp. Fremkald IKKE opkastning.

## 5: BRANDBEKÆMPELSE

**Egnede slukningsmidler :** Kuldioxid, pulver, skum eller vandtåger - Brug ikke vandstråle.  
**Eksponeringsrisici:** Giftige dampe. Yderligere informationer se sektion 10.  
**Særligt beskyttelsesudstyr:** Luftforsynet åndedrætsværn.

## 6: FORHOLDSREGLER OVERFOR UDSLIP OG UHELD

**Personlige forholdsregler:** Spildt materiale udgør en betydelig fare for fald.  
**Miljømæssige forholdsregler:** Undgå udledning i afløb, kloaker og vandløb.  
**Procedurer ved oprydning:** Opsuges med inaktivt absorptionsmiddel eller kontroller og bortskaf materialet på bedst mulig vis.

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12/11/2001

## 7: HÅNDBTERING OG OPBEVARING

<b>Håndtering:</b>	For at undgå mulige hudirritationer må gentagen og langvarig kontakt med produktet undgås. Det er af største betydning at opretholde et højt niveau af personlig hygiejne.
<b>Opbevaring:</b>	Ingen specielle forholdsregler.

## 8: EKSPONERINGSKONTROL/PERSONLIGE VÆRNEMIDLER

<b>Stof</b>	<b>Grænseværdier:</b>
Ingen	
<b>Forholdsregler ved brug:</b>	Ingen
<b>Personligt beskyttelsesudstyr:</b>	Undgå kontakt med hud og øjne. Bær ugennemtrængelige handsker (af f.eks. PVC), i tilfælde af gentagen eller langvarig hudkontakt. Udskift kontamineret tøj og rengør tøjet før det tages i brug igen.

## 9: FYSISKE-KEMISKE EGENSKABER

<b>Udseende:</b>	Væske
<b>Farve:</b>	Gyldenbrun
<b>Lugt:</b>	Mild
<b>Kogepunkt (°C):</b>	Over 250
<b>Flydepunkt:</b>	-24 - -48 *
<b>Flammepunkt (lukket, °C):</b>	Over 200
<b>Selvantændelse (°C):</b>	Over 250
<b>Massefylde (ved 20°C):</b>	0,855 - 0,885 *
<b>Vandopløselighed:</b>	Uopløselig
<b>Viskositet (40°C):</b>	68 - 1000 *
<b>Viskositet (100°C):</b>	11 - 79 *
<b>Andre data:</b>	* Se de specifikke værdier på produktbeskrivelsen.

## 10: STABILITET OG REAKTIVITET

<b>Stabilitet:</b>	Stabil, vil ikke polymerisere.
<b>Tilstande der bør undgås:</b>	Temperaturer (°C) over 150.
<b>Materialer der bør undgås:</b>	Stærke oxidationsmidler.
<b>Farlige nedrydningsprodukter:</b>	Giftig røg: Carbonmonoxid.

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## 11: TOKSIKOLOGISKE OPLYSNINGER (sundhedsfarlige egenskaber)

Det følgende toksikologiske skøn er baseret på kendskabet til giftigheden af produktets bestanddele. Forventet LD<sub>50</sub> for rotter > 2g/kg, ved indtagelse.

### Helbredsvirkninger

<b>Øjenkontakt:</b>	Kan fremkalde kortvarig irritation.
<b>Hudkontakt:</b>	Giver normalt ikke skader ved kort eller lejlighedsvis kontakt.
<b>Indånding:</b>	Lav flygtighed gør indånding usansynlig ved stuetemperatur.
<b>Indtagelse:</b>	Kan fremkalde kvalme, opkastning og diarré.
<b>Kronisk:</b>	Gentagen og langvarig hudkontakt kan medfører hudskader.
<b>Andet:</b>	Ingen kendte.

## 12: MILJØOPLYSNINGER

<b>Miljømæssig vurdering:</b>	Bruges og bortskaffes produktet efter hensigten, forudses der ingen uheldige miljømæssige effekter.
<b>Mobilitet:</b>	Flydende væske. Uopløselig i vand. Ikke flygtigt.
<b>Nedbrydelighed:</b>	Ikke kendt.
<b>Bioakkumulering:</b>	Ikke kendt.
<b>Økotoksicitet:</b>	Forventes ikke at være giftig for vandige organismer.
<b>Anden Information:</b>	

## 13: BORTSKAFFELSE

	<b>EAK-kode (Affaldskatalog nr.):</b>
<b>Ubrugte produkter:</b>	13 02 02 00
<b>Emballage:</b>	15 01 02 00 (Plast) 15 01 04 00 (Metal)
<b>Anbefalet bortskaffelse</b>	Bortskaffes gennem lokale afhentningsordninger eller på kommunal modtagestation. Gruppe: A (06.61)

## 14: TRANSPORTOPLYSNINGER

Dette produkt er IKKE klassificeret som farlig ved transport.

## 15: OPLYSNINGER OM REGULERING

<b>Symbol(er):</b>	Ingen.
<b>R-Sætning:</b>	-
<b>S-sætninger:</b>	-
<b>Anvendelsesbegrænsninger:</b>	Ingen.
<b>Krav om særlig uddannelse:</b>	Omgang eller arbejde med dette produkt kræver ikke speciel uddannelse, men sikkerhedsdatabladet skal nøje gennemlæses.

<b>Danske bekendtgørelser:</b>	1) Sikkerhedsdatablad jvf. Arbejdsministeriets bekendtgørelse nr. 540 af 2. sep. 1992 og ændring nr. 485 af 16. juni. 1995. 2) Klassificering og mærkning i henhold til Miljøministeriets bekendtgørelse nr. 1065 af 30. december 2000.
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## 16: ANDRE OPLYSNINGER

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De oplysninger der er givet er baseret på nuværende viden. Produkter er beskrevet ud fra sikkerhedsdata. Disse data udgør ikke en garanti med hensyn til produkternes egenskaber

Produktet bør kun bruges til det eller de beskrevne formål. Bruges produktet til andre formål end dem der er beskrevet på dette blad, kan der opstå farer der ikke er beskrevet på dette blad.

Yderligere information angående brugen af dette produkt er tilgængelig på de tekniske datablade.

*Alle ændringer der er foretaget siden sidste udgave er markeret med stjerne (\*) i hvert afsnit.*

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## Product Data

# ALPHASYN T

Revision 4  
16-05-2002

## *Gearolie*

### PRODUKTBEKRIVELSE

ALPHASYN T er en serie fuldsyntetiske DIN 51517-CLP gearolier baseret på polyal-phaolefin (PAO), EP-additiver, samt additivering mod slid, korrosion og iltning.

### ANVENDELSESOMRÅDE

ALPHASYN T anvendes som gearolie, specielt hvor olien udsættes for meget høje eller lave driftstemperaturer.

### FORDELE

ALPHASYN T gearolierne består af yderst stabile polyal-phaolefin baseolier og de kan derfor tåle driftstemperaturer over 100°C (kortvarigt helt op til 180°C). ALPHASYN T har ekstremt lave flydepunkter, hvilket gør dem velegnede ved meget lave driftstemperaturer både udendørs eller i køle-/fryserum. ALPHASYN T gearolierne fraseparerer vand yderst effektivt. Hermed begrænses den negative virkning af vandforurening. ALPHASYN T gearolierne opfylder kravene til luftudskilning og skumning fra alle væsentlige gearolie specifikationer. ALPHASYN T er blandbar med mineralolie. ALPHASYN T er kompatibel med alle gængse metaltyper og pakningsmaterialer, herunder Nitril, Buna-N, Viton, Epoxy og Silikone gummi.

### BRUGSANVISNING

Anvendes som gearolie i henhold til anvisningerne fra maskinfabrikanten.

## Product Data

# ALPHASYN T

### SPECIFIKATIONER OG GODKENDELSER

#### ALPHASYN T

Specifikationer:

DIN 51517-CLP Del 3

Opfyldt i alle viskositetklasser

### ANVENDELSESBEGRÆNSNINGER

ALPHASYN T bør kun anvendes som gearolie.

Visse syntetiske baseolier er ikke blandbare med polyalphaolefin. Ved efterfyldning med ALPHASYN T på en maskine, der er påfyldt syntetisk gearolie bør det derfor sikres at baseolierne er kompatible. I tvivlstilfælde anbefales det at aftappe den oprindelige olie før påfyldning med ALPHASYN T.

### TEKNISKE DATA

	<b>T 68</b>	<b>T 100</b>	<b>T 150</b>	<b>Enhed</b>	<b>Norm</b>
Vare nr.	3125	3122	3126	-	-
Viskositet v. 40°C	68	100	150	mm <sup>2</sup> /s	DIN 51562
Viskositet v. 100°C	11,0	14,3	19,0	mm <sup>2</sup> /s	DIN 51562
Viskositetsindeks	150	150	150	-	DIN 2909
Massefylde v. 15°C	0,860	0,865	0,870	g/cm <sup>3</sup>	DIN 51757
Flydepunkt	-48	-39	-36	°C	DIN 3016
Flammepunkt	290	300	300	°C	DIN 2595
Demulsifikation, 82°C	15 (54°C)	10	15	min.	ASTM D1301
Skumtendens, sek. 2	10/0	10/0	10/0	cm <sup>3</sup>	ASTM D892
FZG-lasttrin	12	12	12	-	DIN 51354
4-kugle test, 20 kg, 1800 rpm, sliddiam.	0,3	0,3	0,3	mm	IP 239



## Product Data

### ALPHASYN T

	<b>T 220</b>	<b>T 320</b>	<b>Enhed</b>	<b>Norm</b>
Vare nr.	3127	3128	-	-
Viskositet v. 40°C	220	320	mm <sup>2</sup> /s	DIN 51562
Viskositet v. 100°C	26	37	mm <sup>2</sup> /s	DIN 51562
Viskositetsindeks	150	150	-	DIN 2909
Massefylde v. 15°C	0,87	0,87	g/cm <sup>3</sup>	DIN 51757
Flydepunkt	-45	-33	°C	DIN 3016
Flammepunkt	> 200	> 200	°C	DIN 2595
Demulsifikation, 82°C	15	-	min.	ASTM D1401
Skumtendens, sek. 1	10/0	10/0	cm <sup>3</sup>	IP 146
FZG-lasttrin	12	12	-	DIN 51354
4-kugle test, 20 kg, 1800 rpm, sliddiam.	0,3	0,3	mm	IP 239

  

	<b>T 460</b>	<b>T 1000</b>	<b>Enhed</b>	<b>Norm</b>
Vare nr.	3131	3129	-	-
Viskositet v. 40°C	460	1000	mm <sup>2</sup> /s	DIN 51562
Viskositet v. 100°C	49	79	mm <sup>2</sup> /s	DIN 51562
Viskositetsindeks	150	155	-	DIN 2909
Massefylde v. 15°C	0,87	0,88	g/cm <sup>3</sup>	DIN 51757
Flydepunkt	-30	-24	°C	DIN 3016
Flammepunkt	> 200	220	°C	DIN 2595
Skumtendens, sek. 1	20/0	20/0	cm <sup>3</sup>	IP 146
FZG-lasttrin	12	12	-	DIN 51354
4-kugle test, 20 kg, 1800 rpm, sliddiam.	0,3	0,3	mm	IP 239

Sikkerhedsdatablade kan rekvireres hos Castrol A/S. For yderligere information kontakt:  
Castrol A/S, Islands Brygge 43, 2300 København S , Tlf. 3363 0000, Fax 3363 0011

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Oplysningerne i dette produktdatablad er baseret på vore nuværende erfaringer og på de data, som det ved omhyggelige undersøgelser af produkterne har været muligt at fremskaffe. Der tages forbehold for trykfejl og eventuelle ændringer siden udgivelsen af dette produktdatablad.